

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX051619\
 Data File : VX009645.D
 Acq On : 17 May 2019 06:47
 Operator : JC/SP
 Sample : K2887-03MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SS052MW100-190514MS

Quant Time: May 17 08:05:33 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 09 07:31:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	146811	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	245058	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	224708	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	111611	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	107500	53.64	ug/l	0.00
Spiked Amount			Recovery	=	107.28%	
35) Dibromofluoromethane	5.50	113	79413	51.55	ug/l	0.00
Spiked Amount			Recovery	=	103.10%	
50) Toluene-d8	8.71	98	305623	49.14	ug/l	0.00
Spiked Amount			Recovery	=	98.28%	
62) 4-Bromofluorobenzene	11.13	95	115000	50.89	ug/l	0.00
Spiked Amount			Recovery	=	101.78%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	55823	41.262	ug/l	99
3) Chloromethane	1.32	50	91806	49.704	ug/l	99
4) Vinyl Chloride	1.41	62	88812	49.310	ug/l	99
5) Bromomethane	1.64	94	52406	48.477	ug/l	98
6) Chloroethane	1.72	64	58328	50.441	ug/l	99
7) Trichlorofluoromethane	1.93	101	109073	49.820	ug/l	100
8) Diethyl Ether	2.19	74	55433	53.453	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.39	101	63167	45.945	ug/l	99
10) Methyl Iodide	2.51	142	88373	54.834	ug/l	99
11) Tert butyl alcohol	3.05	59	119065	256.655	ug/l	100
12) 1,1-Dichloroethene	2.37	96	70398	51.105	ug/l	98
13) Acrolein	2.29	56	88735	211.207	ug/l	98
14) Allyl chloride	2.73	41	164044	48.866	ug/l	99
15) Acrylonitrile	3.14	53	306390	270.115	ug/l	99
16) Acetone	2.45	43	264926	246.180	ug/l	99
17) Carbon Disulfide	2.57	76	182338	47.147	ug/l	99
18) Methyl Acetate	2.78	43	120550	47.103	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	288899	54.008	ug/l	100
20) Methylene Chloride	2.85	84	89198	51.192	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	75551	50.573	ug/l	97
22) Diisopropyl ether	3.85	45	353951	54.826	ug/l	97
23) Vinyl Acetate	3.82	43	1355993	245.284	ug/l	99
24) 1,1-Dichloroethane	3.70	63	167856	52.706	ug/l	99
25) 2-Butanone	4.67	43	447712	267.722	ug/l	97
26) 2,2-Dichloropropane	4.59	77	68472	28.884	ug/l	93
27) cis-1,2-Dichloroethene	4.60	96	109272	61.280	ug/l	95
28) Bromochloromethane	5.02	49	64103	50.001	ug/l	98
29) Tetrahydrofuran	5.13	42	299115	277.957	ug/l	98
30) Chloroform	5.21	83	155609	54.023	ug/l	98
31) Cyclohexane	5.58	56	139450	47.064	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	124402	51.881	ug/l	99
36) 1,1-Dichloropropene	5.80	75	109195	47.948	ug/l	99
37) Ethyl Acetate	4.83	43	152319	48.004	ug/l	99
38) Carbon Tetrachloride	5.79	117	99944	48.303	ug/l	98

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 Quant Title : SW846 8260
 QLast Update : Thu May 09 07:31:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	119260	42.641	ug/l	99
40) Benzene	6.14	78	355853	50.490	ug/l	98
41) Methacrylonitrile	5.04	41	97684	51.717	ug/l	99
42) 1,2-Dichloroethane	6.19	62	132943	52.583	ug/l	99
43) Isopropyl Acetate	6.45	43	252486	49.747	ug/l	99
44) Trichloroethene	7.21	130	83899	49.240	ug/l	99
45) 1,2-Dichloropropane	7.51	63	103311	51.766	ug/l	98
46) Dibromomethane	7.66	93	59154	51.042	ug/l	99
47) Bromodichloromethane	7.90	83	121595	52.598	ug/l	98
48) Methyl methacrylate	7.77	41	137031	54.420	ug/l	99
49) 1,4-Dioxane	7.74	88	48037	940.691	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	905246	272.877	ug/l	99
52) Toluene	8.79	92	216335	50.495	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	127189	48.731	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	138727	48.021	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	91960	52.612	ug/l	96
56) Ethyl methacrylate	9.18	69	165292	52.977	ug/l	97
57) 1,3-Dichloropropane	9.37	76	160349	52.132	ug/l	99
59) 2-Hexanone	9.49	43	702046	269.453	ug/l	98
60) Dibromochloromethane	9.58	129	90478	53.000	ug/l	98
61) 1,2-Dibromoethane	9.67	107	92713	52.548	ug/l	99
64) Tetrachloroethene	9.34	164	71450	46.354	ug/l	98
65) Chlorobenzene	10.13	112	225697	50.209	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	83891	51.477	ug/l	100
67) Ethyl Benzene	10.25	91	410553	49.627	ug/l	99
68) m/p-Xylenes	10.36	106	301986	99.891	ug/l	99
69) o-Xylene	10.69	106	150217	50.361	ug/l	100
70) Styrene	10.71	104	265868	51.283	ug/l	99
71) Bromoform	10.85	173	68940	52.055	ug/l #	100
73) Isopropylbenzene	11.02	105	391558	48.244	ug/l	100
74) N-amyl acetate	10.90	43	221863	46.887	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	156450	51.709	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	170708	65.937	ug/l	82
77) Bromobenzene	11.26	156	99853	49.568	ug/l	99
78) n-propylbenzene	11.36	91	447094	48.235	ug/l	100
79) 2-Chlorotoluene	11.42	91	274887	48.069	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	333321	48.775	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	42529	42.031	ug/l	97
82) 4-Chlorotoluene	11.51	91	313344	48.503	ug/l	100
83) tert-Butylbenzene	11.77	119	322521	48.514	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	337593	49.216	ug/l	100
85) sec-Butylbenzene	11.94	105	371194	47.096	ug/l	100
86) p-Isopropyltoluene	12.06	119	336725	47.523	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	177790	49.507	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	177336	48.980	ug/l	99
89) n-Butylbenzene	12.38	91	297663	46.479	ug/l	99
90) Hexachloroethane	12.60	117	59064	48.929	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	183755	50.237	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	35217	51.887	ug/l	99
93) 1,2,4-Trichlorobenzene	13.65	180	127276	50.884	ug/l	99

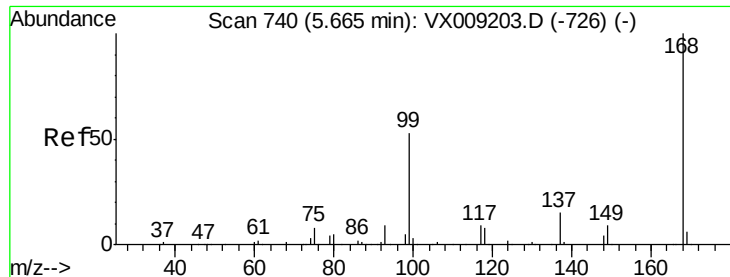
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	58408	45.727	ug/l	99
95) Naphthalene	13.83	128	422864	51.963	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	129639	51.130	ug/l	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX009645.D

Acq: 17 May 2019 06:47

Instrument :

MSVOA_X

ClientSampleId :

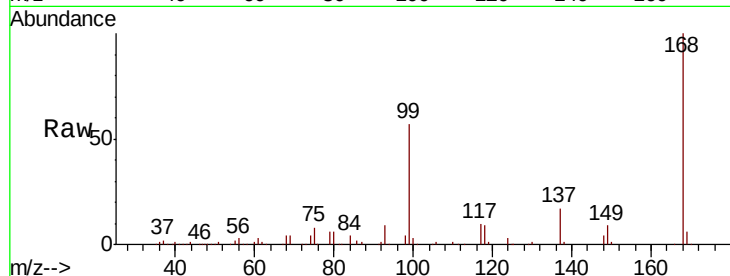
SS052MW100-190514MS

Tot Ion:168 Resp: 146811

Ion Ratio Lower Upper

168 100

99 56.8 42.3 63.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

60000

50000

40000

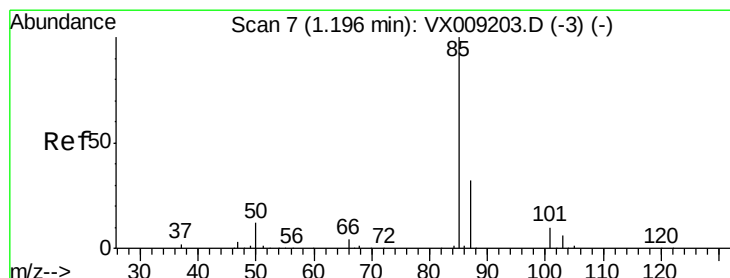
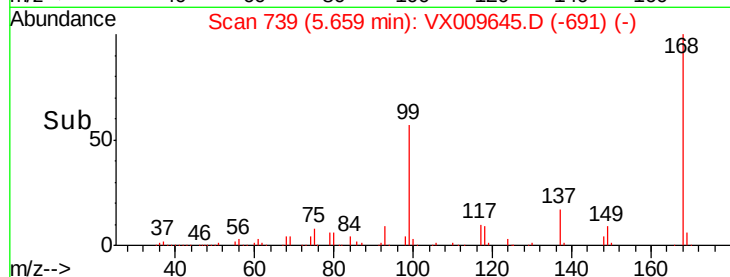
30000

20000

10000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 41.262 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX009645.D

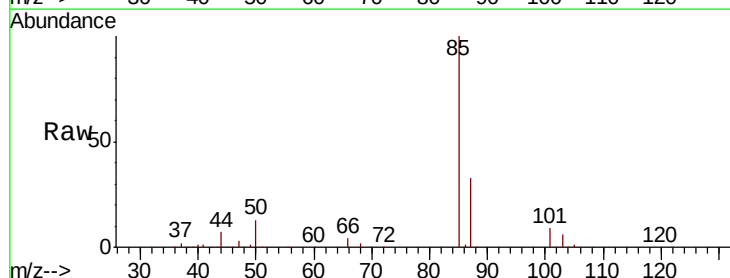
Acq: 17 May 2019 06:47

Tgt Ion: 85 Resp: 55823

Ion Ratio Lower Upper

85 100

87 32.9 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

60000

50000

40000

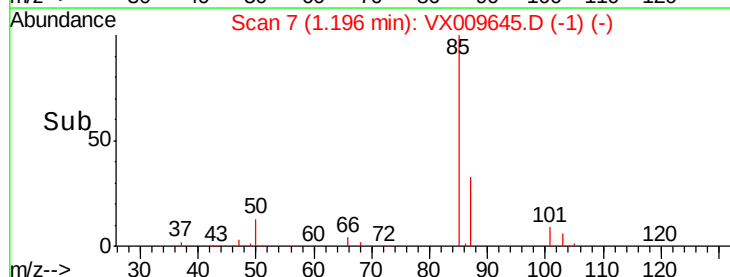
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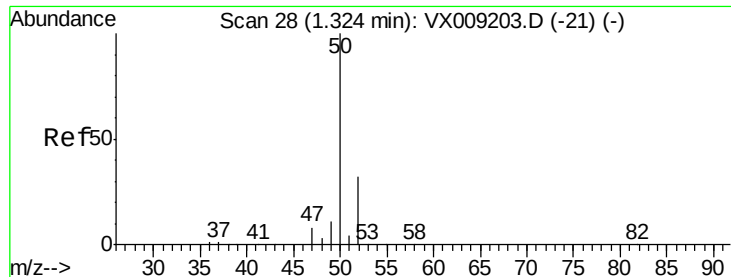
20000

10000

0

Time--> 1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 49.704 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX009645.D

Acq: 17 May 2019 06:47

Instrument :

MSVOA_X

ClientSampleId :

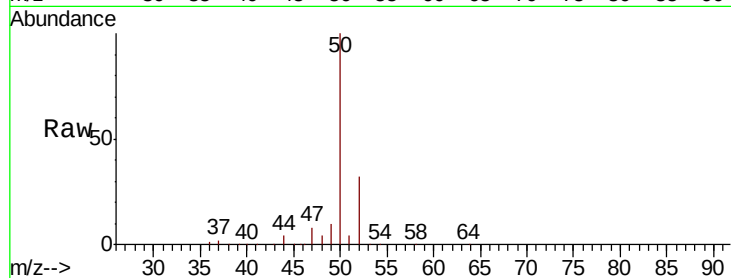
SS052MW100-190514MS

Tot Ion: 50 Resp: 91806

Ion Ratio Lower Upper

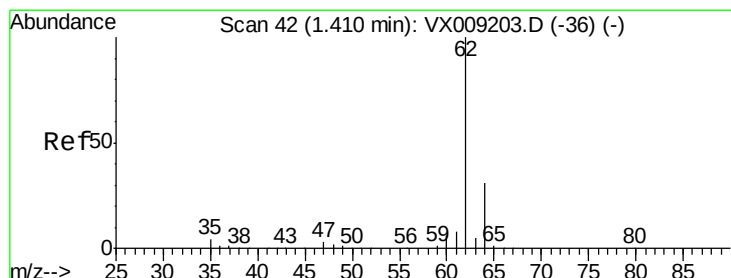
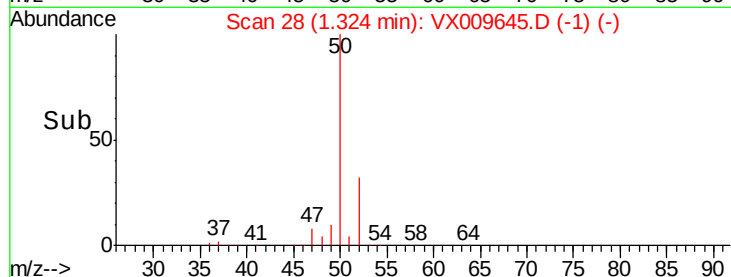
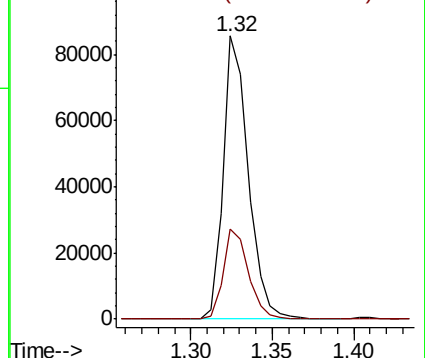
50 100

52 32.0 25.9 38.9



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 49.310 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX009645.D

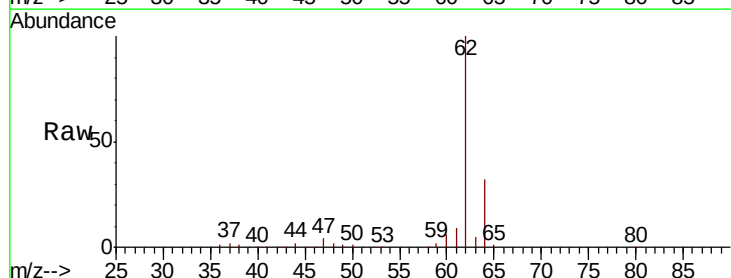
Acq: 17 May 2019 06:47

Tgt Ion: 62 Resp: 88812

Ion Ratio Lower Upper

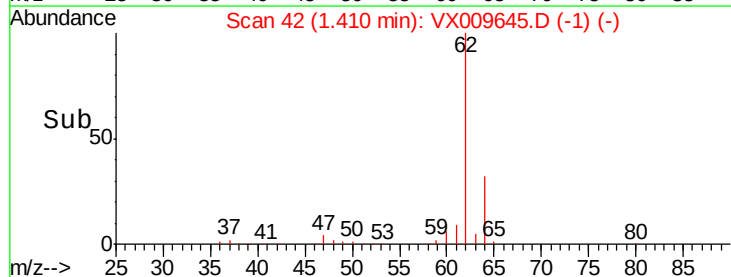
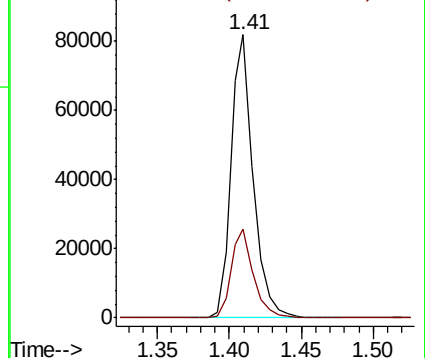
62 100

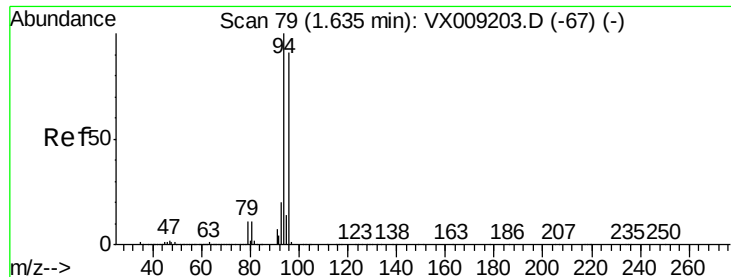
64 31.5 24.6 36.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 48.477 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

Lab File: VX009645.D

Acq: 17 May 2019 06:47

Instrument :

MSVOA_X

ClientSampleId :

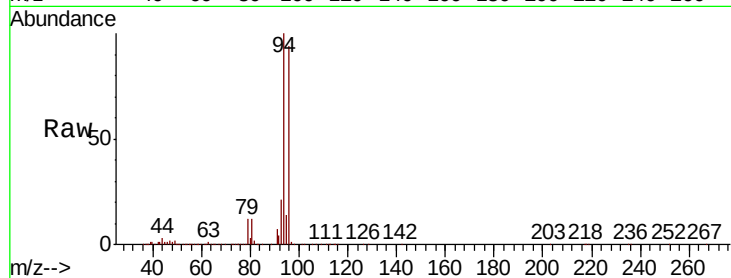
SS052MW100-190514MS

Tot Ion: 94 Resp: 52406

Ion Ratio Lower Upper

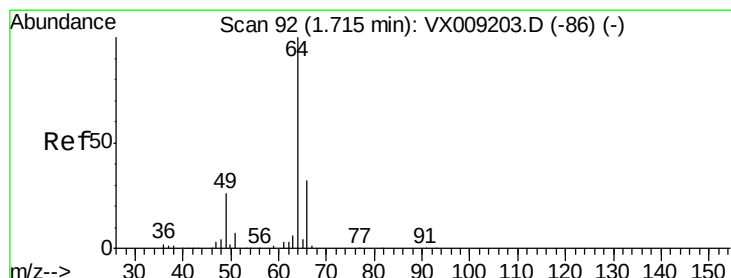
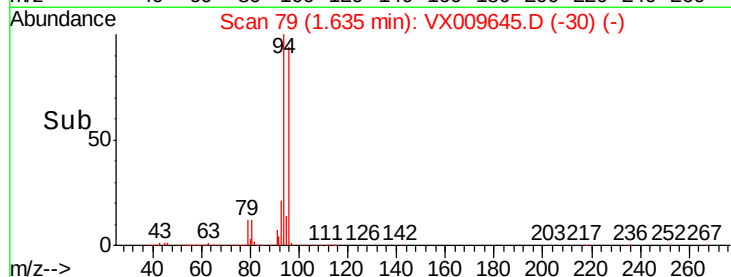
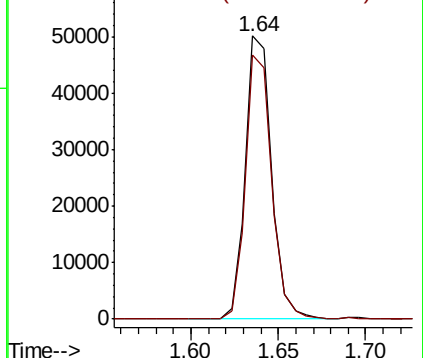
94 100

96 93.5 73.0 109.6



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 50.441 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX009645.D

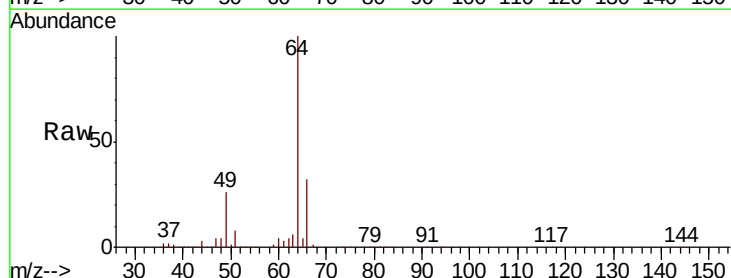
Acq: 17 May 2019 06:47

Tgt Ion: 64 Resp: 58328

Ion Ratio Lower Upper

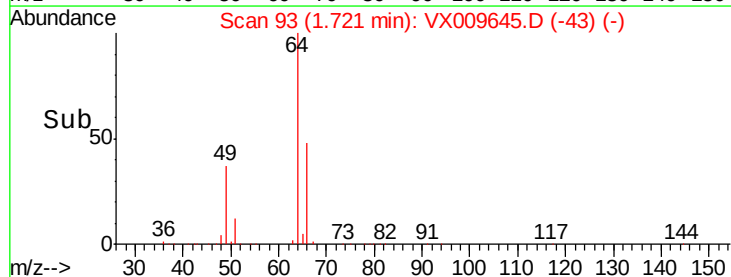
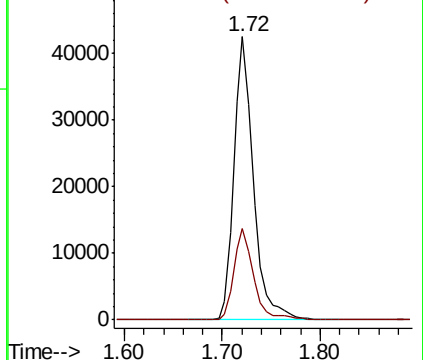
64 100

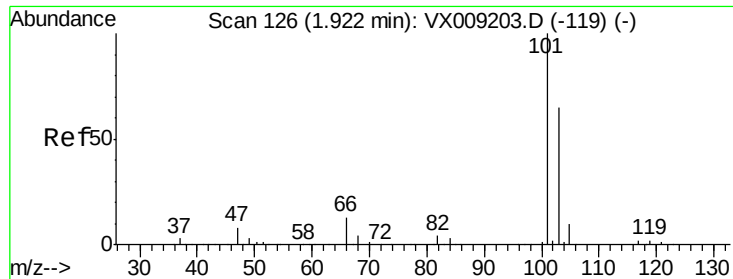
66 32.2 25.3 37.9



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



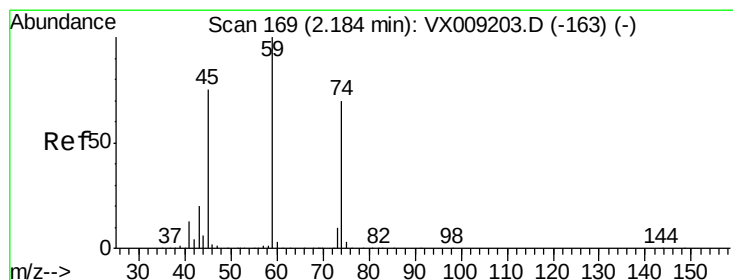
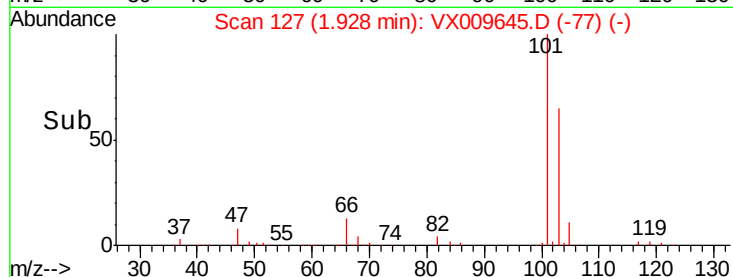
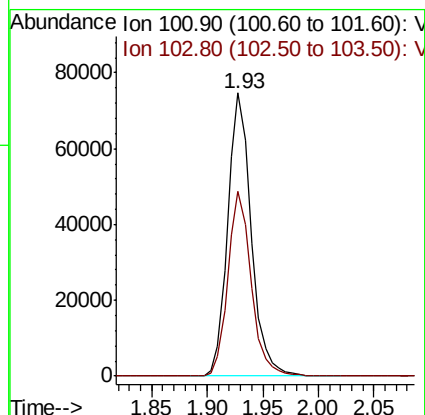
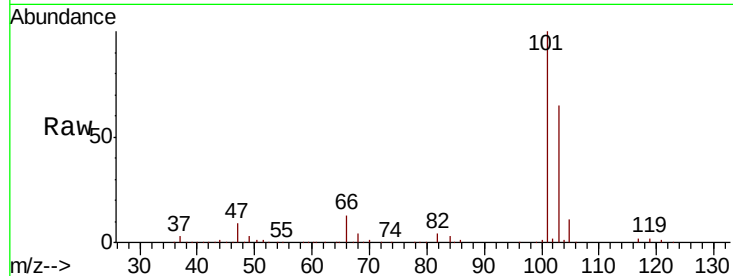


#7

Trichlorofluoromethane
 Concen: 49.820 ug/l
 RT: 1.93 min Scan# 127
 Delta R.T. 0.01 min
 Lab File: VX009645.D
 Acq: 17 May 2019 06:47

Instrument :
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 SS052MW100-190514MS

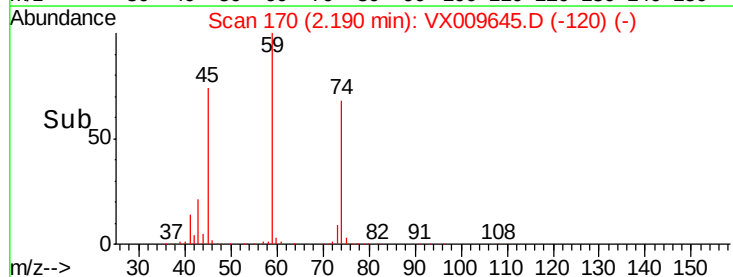
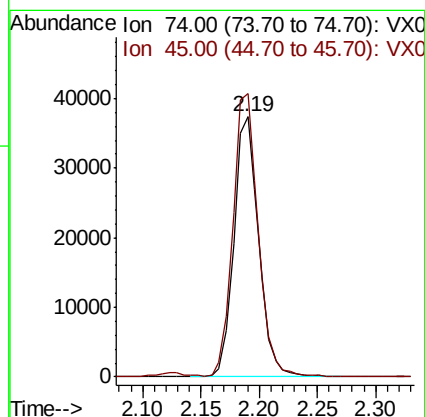
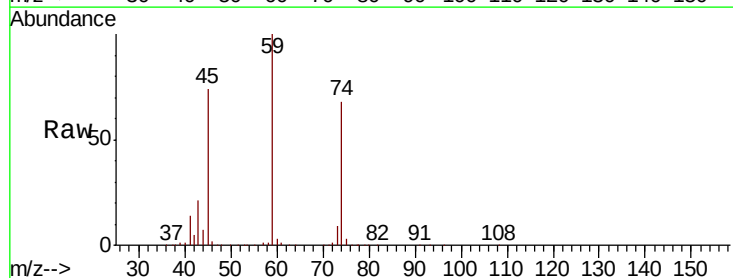
Tot Ion:101 Resp: 109073
 Ion Ratio Lower Upper
 101 100
 103 65.4 52.4 78.6

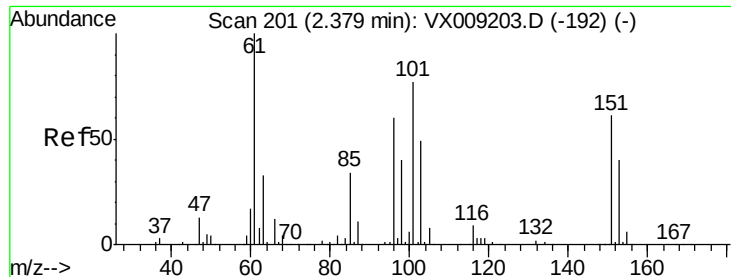


#8

Diethyl Ether
 Concen: 53.453 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. 0.01 min
 Lab File: VX009645.D
 Acq: 17 May 2019 06:47

Tgt Ion: 74 Resp: 55433
 Ion Ratio Lower Upper
 74 100
 45 110.0 53.3 159.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 45.945 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.01 min

Lab File: VX009645.D

Acq: 17 May 2019 06:47

Instrument :

MSVOA_X

ClientSampleId :

SS052MW100-190514MS

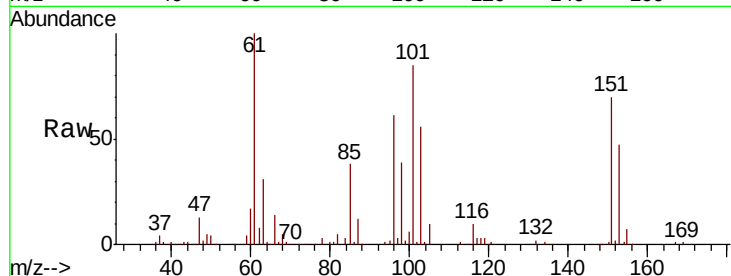
Tot Ion:101 Resp: 63167

Ion Ratio Lower Upper

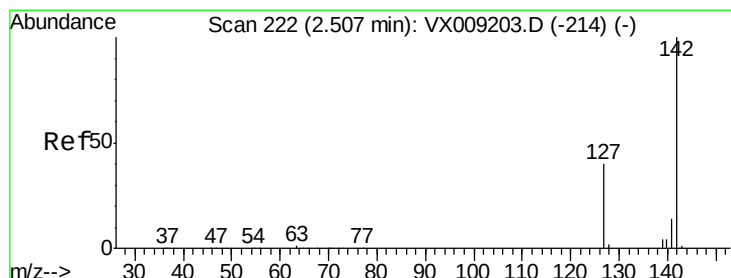
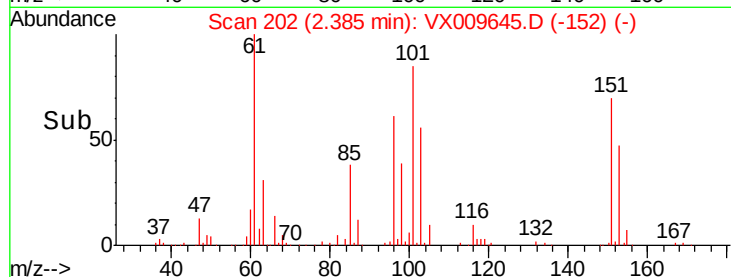
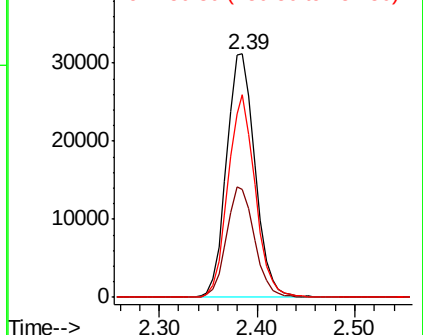
101 100

85 44.9 35.7 53.5

151 79.3 62.2 93.2



Abundance Ion 100.90 (100.60 to 101.60): V
Ion 84.90 (84.60 to 85.60): VX0
Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 54.834 ug/l

RT: 2.51 min Scan# 222

Delta R.T. 0.00 min

Lab File: VX009645.D

Acq: 17 May 2019 06:47

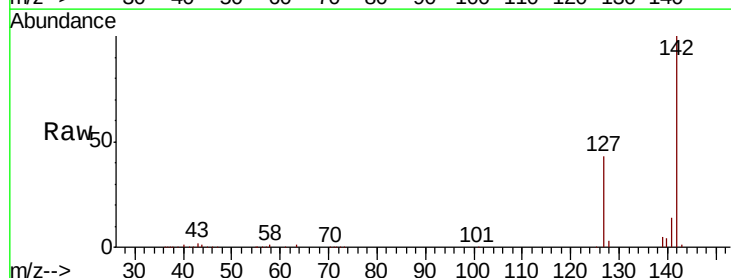
Tgt Ion:142 Resp: 88373

Ion Ratio Lower Upper

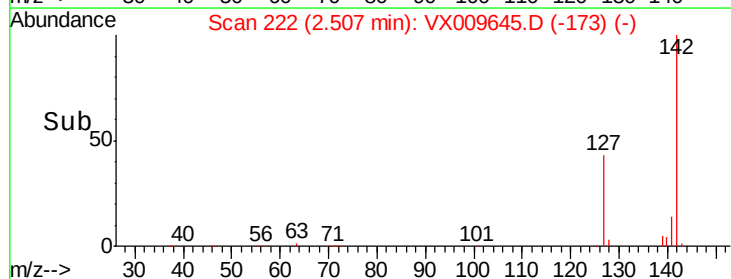
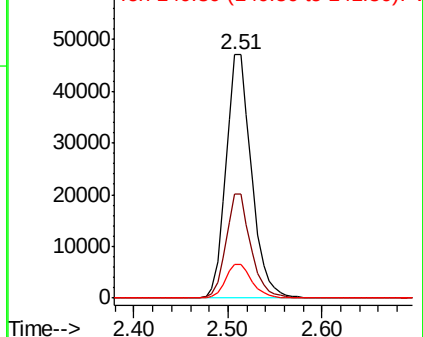
142 100

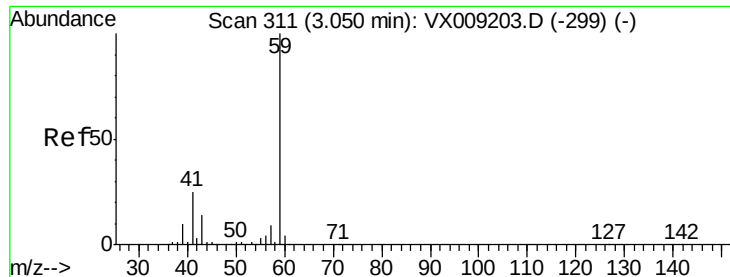
127 41.7 32.7 49.1

141 14.2 11.5 17.3



Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V



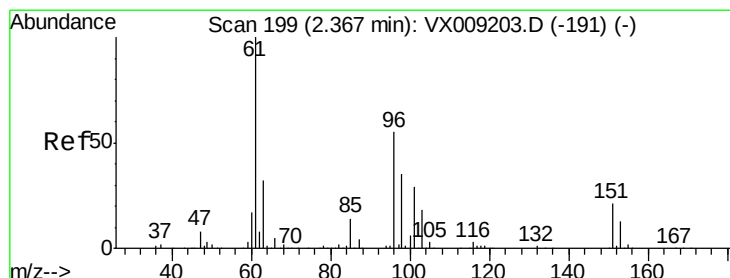
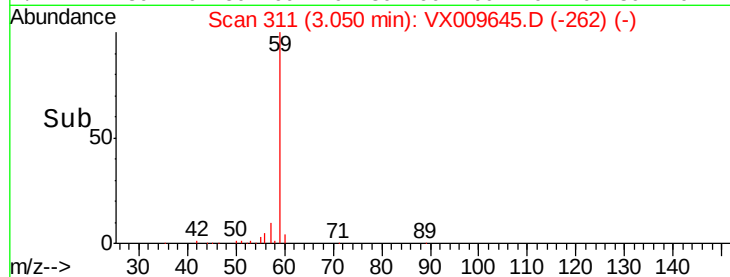
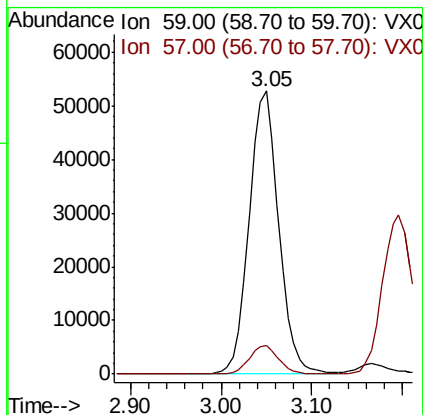
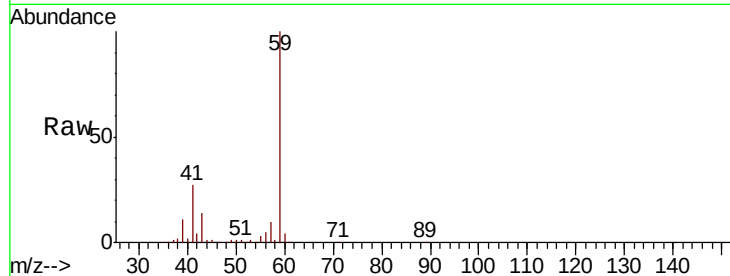


#11

Tert butyl alcohol
 Concen: 256.655 ug/l
 RT: 3.05 min Scan# 311
 Delta R.T. -0.00 min
 Lab File: VX009645.D
 Acq: 17 May 2019 06:47

Instrument :
 MSVOA_X
 ClientSampleId :
 SS052MW100-190514MS

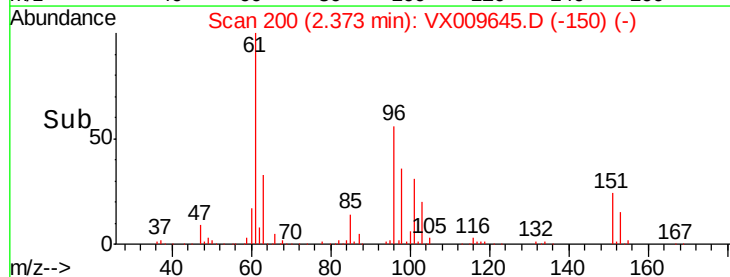
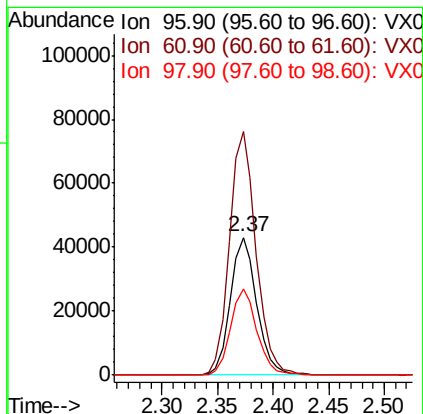
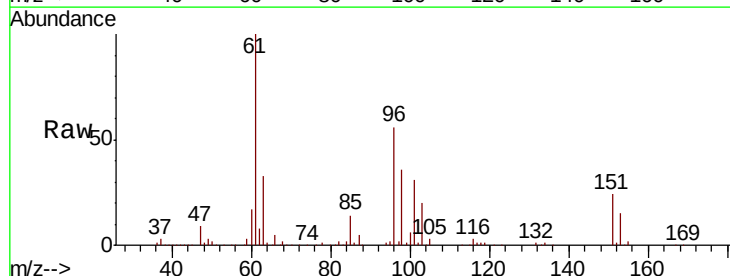
Tot Ion: 59 Resp: 119065
 Ion Ratio Lower Upper
 59 100
 57 10.2 8.2 12.2

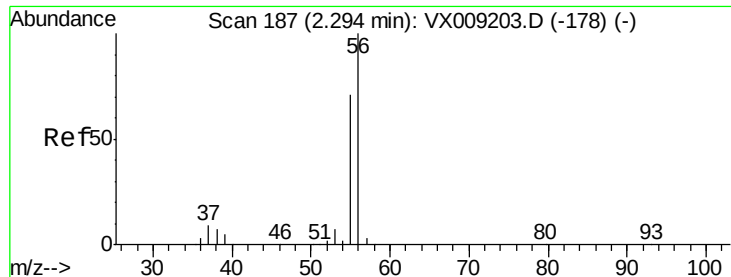


#12

1,1-Dichloroethene
 Concen: 51.105 ug/l
 RT: 2.37 min Scan# 200
 Delta R.T. 0.01 min
 Lab File: VX009645.D
 Acq: 17 May 2019 06:47

Tgt Ion: 96 Resp: 70398
 Ion Ratio Lower Upper
 96 100
 61 177.3 144.3 216.5
 98 63.2 50.3 75.5





#13

Acrolein

Concen: 211.207 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX009645.D

Acq: 17 May 2019 06:47

Instrument :

MSVOA_X

ClientSampleId :

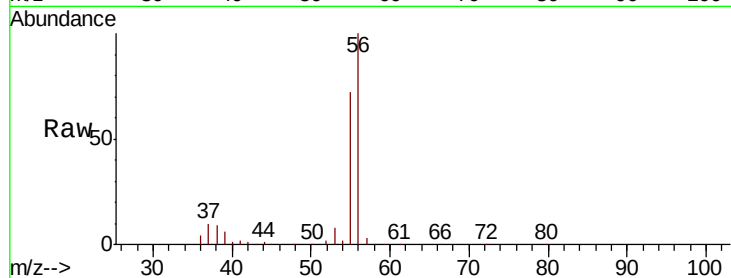
SS052MW100-190514MS

Tot Ion: 56 Resp: 88735

Ion Ratio Lower Upper

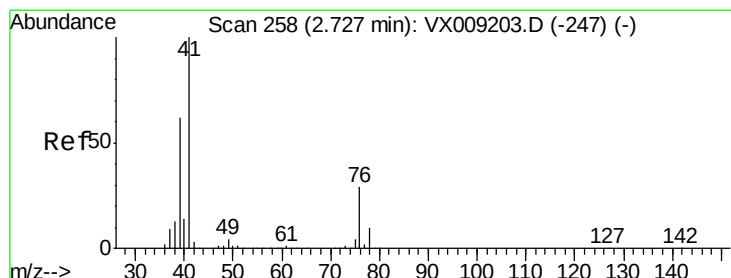
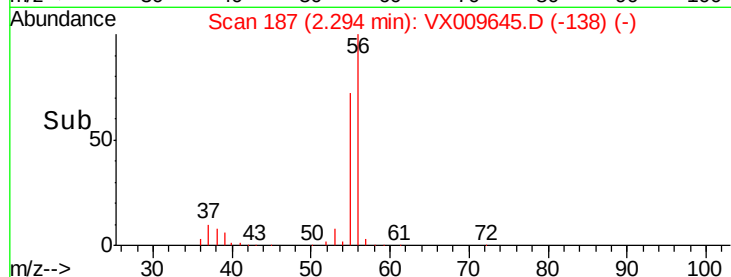
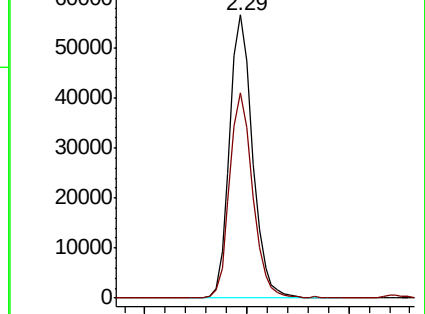
56 100

55 72.5 56.6 85.0



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 48.866 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX009645.D

Acq: 17 May 2019 06:47

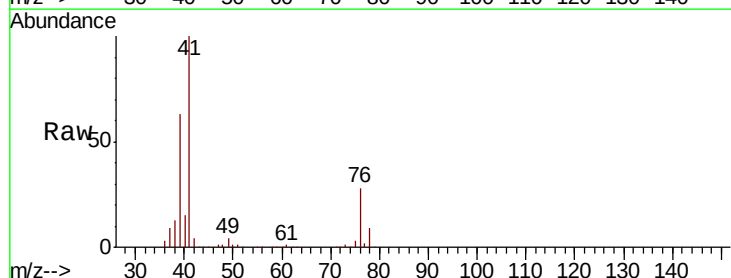
Tgt Ion: 41 Resp: 164044

Ion Ratio Lower Upper

41 100

39 58.7 46.7 70.1

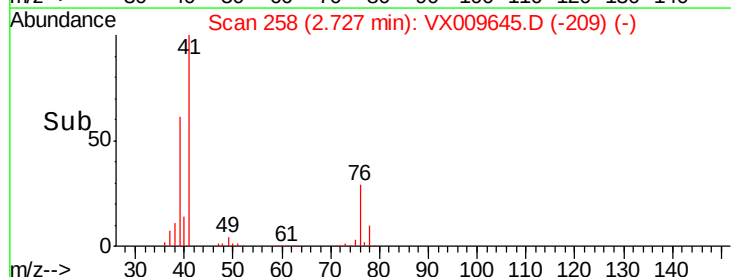
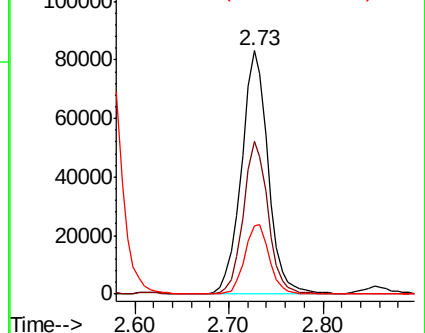
76 26.0 21.8 32.8

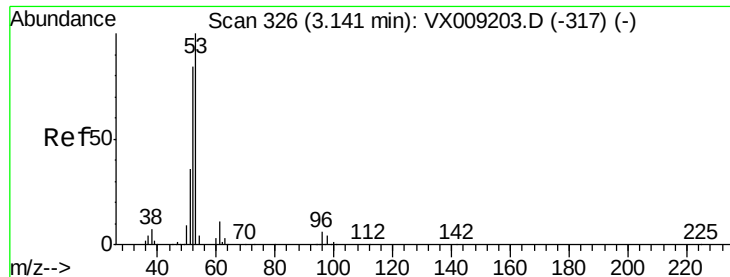


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 270.115 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.00 min

Lab File: VX009645.D

Acq: 17 May 2019 06:47

Instrument :

MSVOA_X

ClientSampleId :

SS052MW100-190514MS

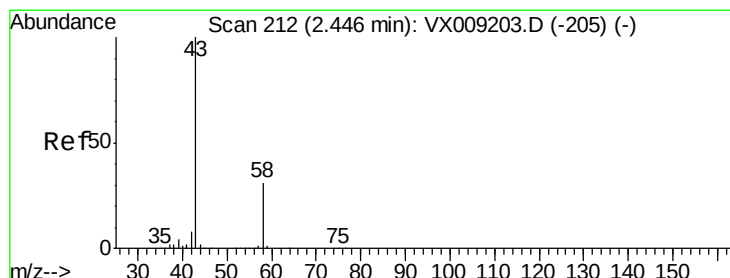
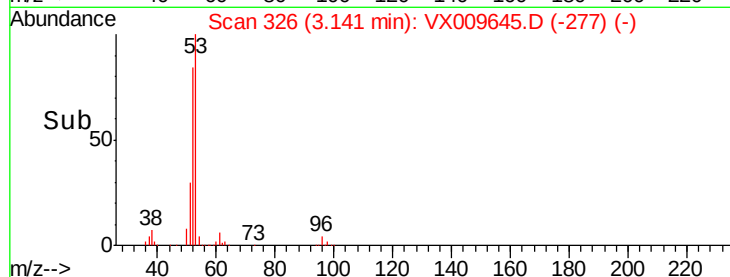
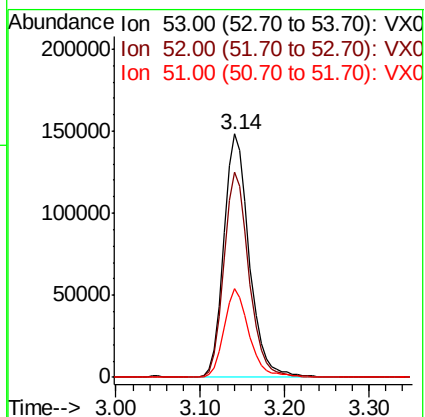
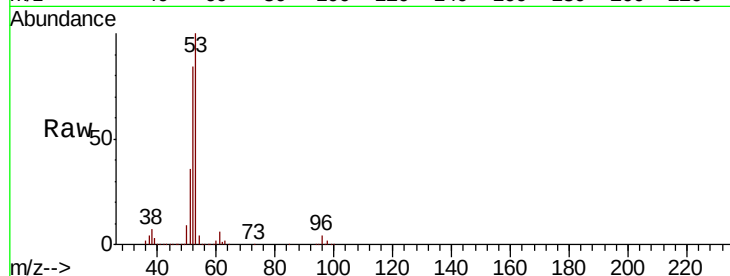
Tot Ion: 53 Resp: 306390

Ion Ratio Lower Upper

53 100

52 83.4 66.9 100.3

51 36.2 28.2 42.2



#16

Acetone

Concen: 246.180 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX009645.D

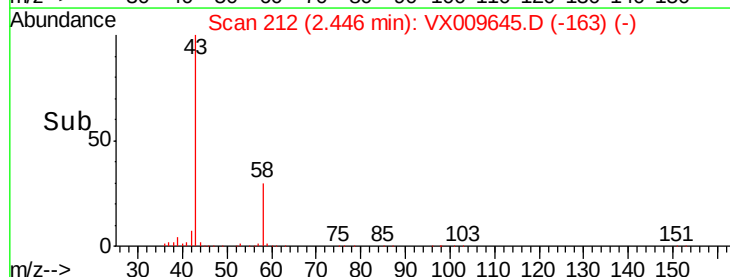
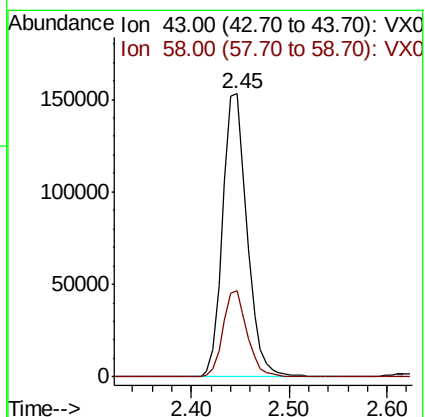
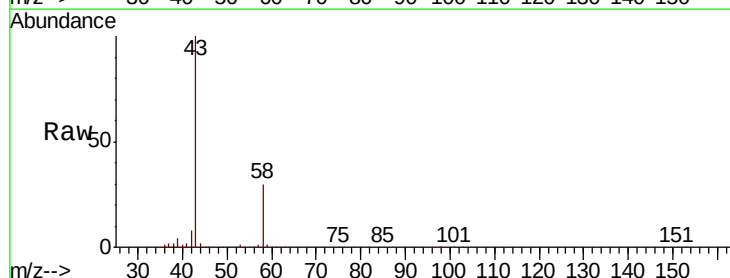
Acq: 17 May 2019 06:47

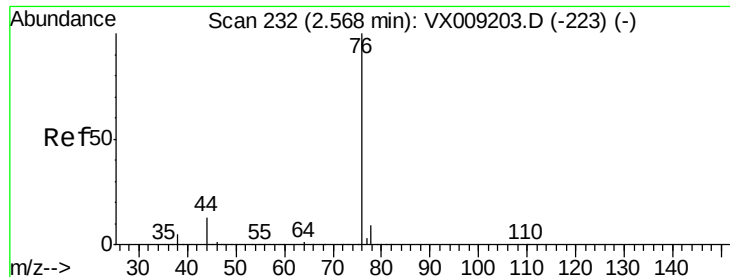
Tgt Ion: 43 Resp: 264926

Ion Ratio Lower Upper

43 100

58 30.5 24.9 37.3





#17

Carbon Disulfide

Concen: 47.147 ug/l

RT: 2.57 min Scan# 232

Delta R.T. -0.00 min

Lab File: VX009645.D

Acq: 17 May 2019 06:47

Instrument :

MSVOA_X

ClientSampleId :

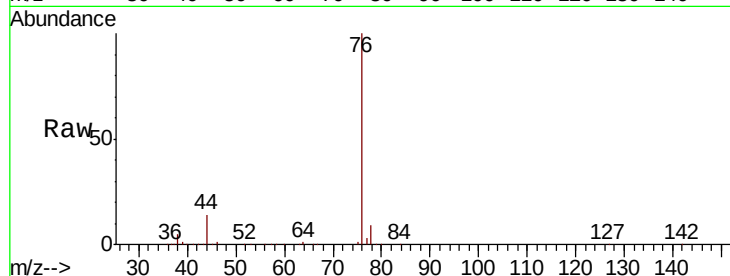
SS052MW100-190514MS

Tot Ion: 76 Resp: 182338

Ion Ratio Lower Upper

76 100

78 8.8 7.4 11.0



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.57

120000

100000

80000

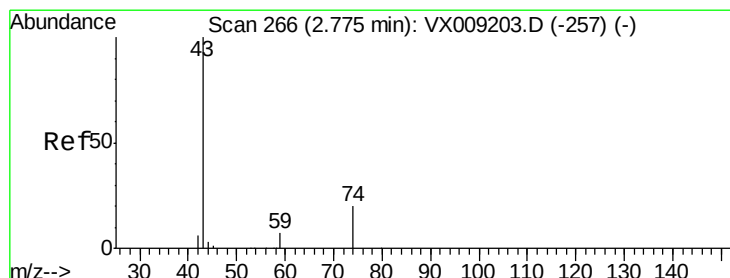
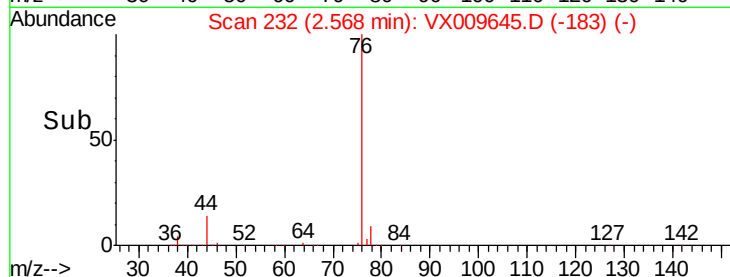
60000

40000

20000

0

Time-->



#18

Methyl Acetate

Concen: 47.103 ug/l

RT: 2.78 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX009645.D

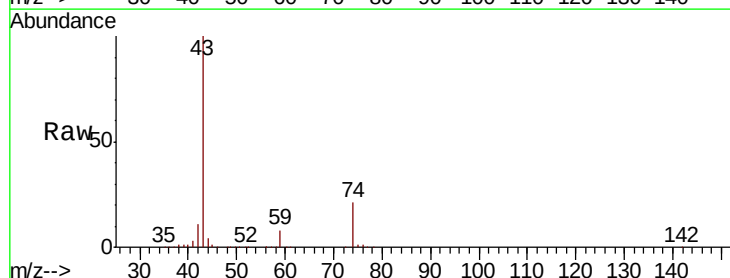
Acq: 17 May 2019 06:47

Tgt Ion: 43 Resp: 120550

Ion Ratio Lower Upper

43 100

74 20.3 16.2 24.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.78

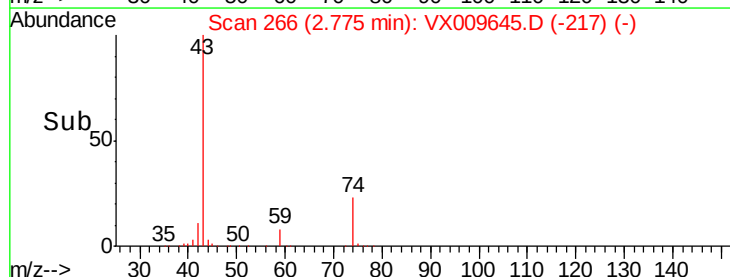
60000

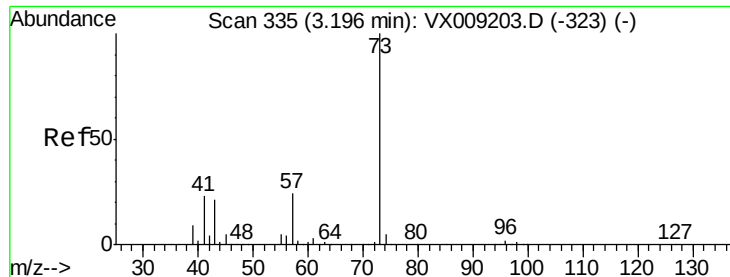
40000

20000

0

Time-->



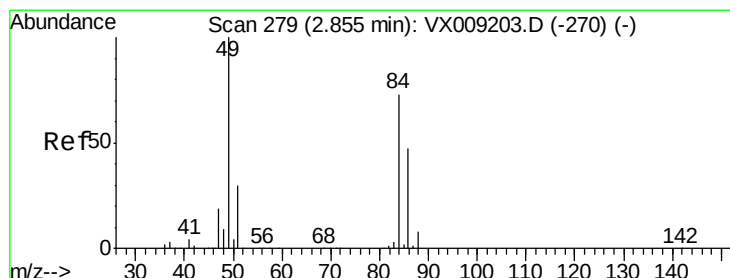
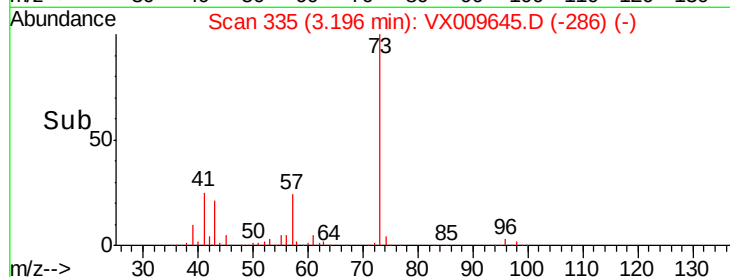
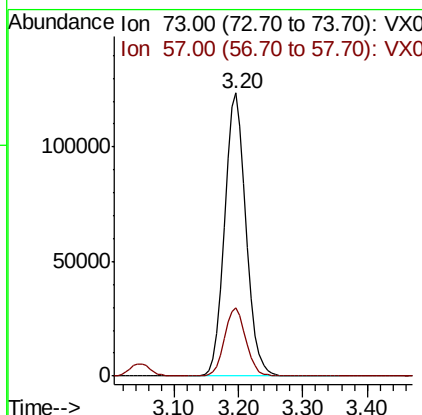
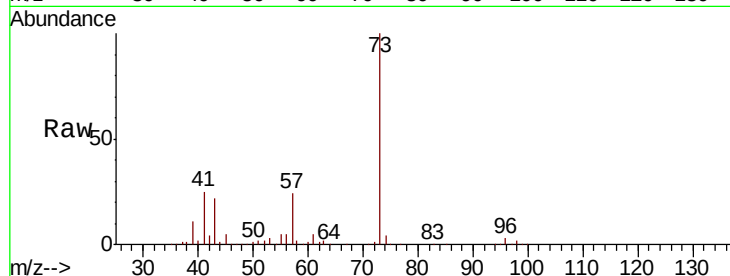


#19

Methvl tert-butvl Ether
 Concen: 54.008 ug/l
 RT: 3.20 min Scan# 335
 Delta R.T. -0.00 min
 Lab File: VX009645.D
 Acq: 17 May 2019 06:47

Instrument :
 MSVOA_X
 ClientSampleId :
 SS052MW100-190514MS

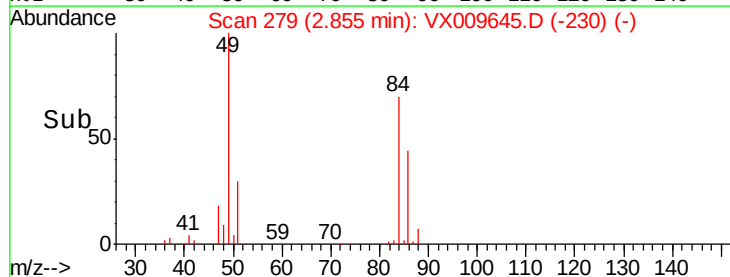
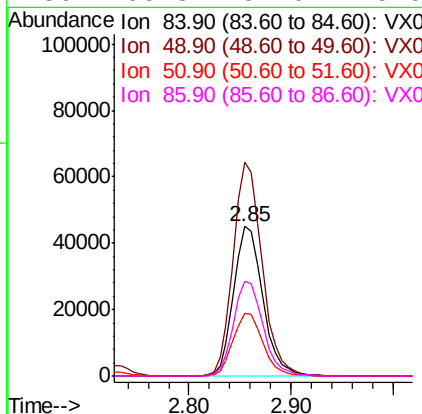
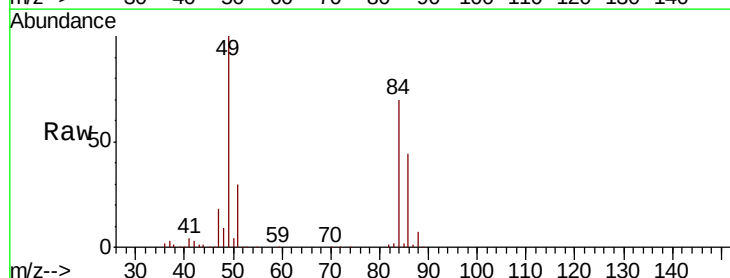
Tot Ion: 73 Resp: 288899
 Ion Ratio Lower Upper
 73 100
 57 24.1 19.3 28.9

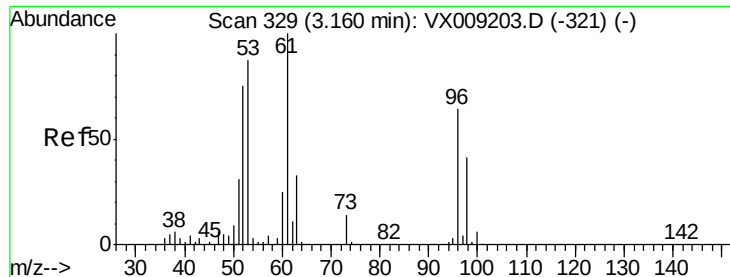


#20

Methylene Chloride
 Concen: 51.192 ug/l
 RT: 2.85 min Scan# 279
 Delta R.T. -0.00 min
 Lab File: VX009645.D
 Acq: 17 May 2019 06:47

Tgt Ion: 84 Resp: 89198
 Ion Ratio Lower Upper
 84 100
 49 142.8 109.9 164.9
 51 42.3 32.7 49.1
 86 63.3 52.0 78.0





#21

trans-1,2-Dichloroethene

Concen: 50.573 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.01 min

Lab File: VX009645.D

Acq: 17 May 2019 06:47

Instrument :

MSVOA_X

ClientSampleId :

SS052MW100-190514MS

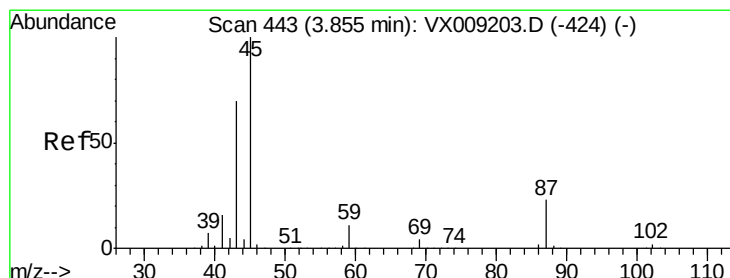
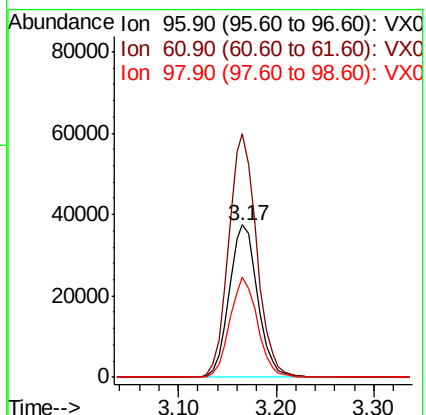
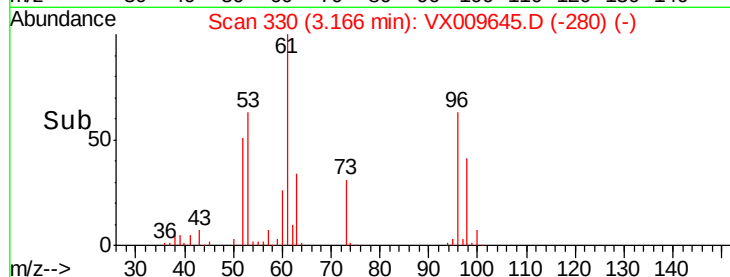
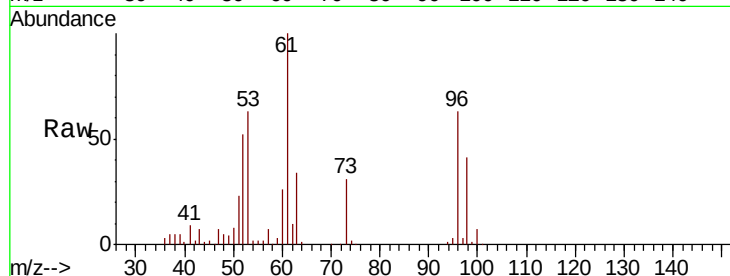
Tot Ion: 96 Resp: 75551

Ion Ratio Lower Upper

96 100

61 159.5 124.5 186.7

98 65.3 50.4 75.6



#22

Diisopropyl ether

Concen: 54.826 ug/l

RT: 3.85 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX009645.D

Acq: 17 May 2019 06:47

Tgt Ion: 45 Resp: 353951

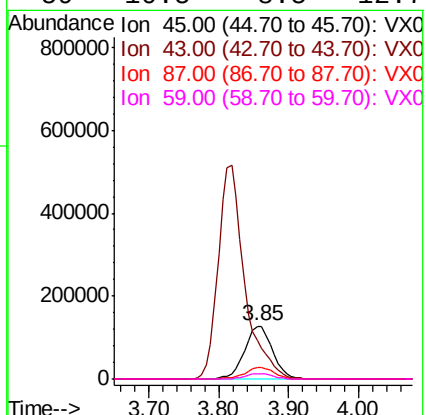
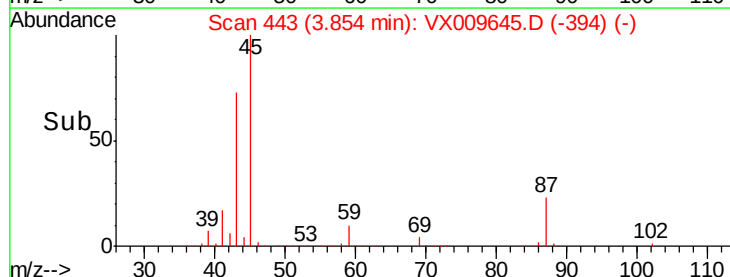
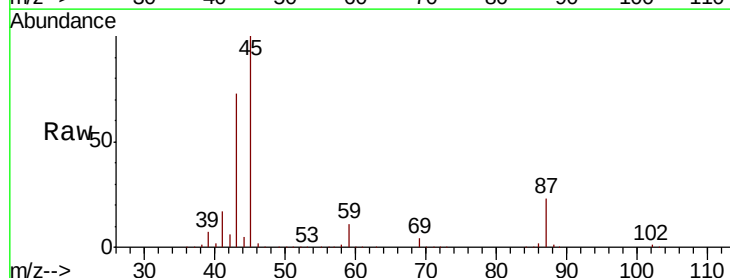
Ion Ratio Lower Upper

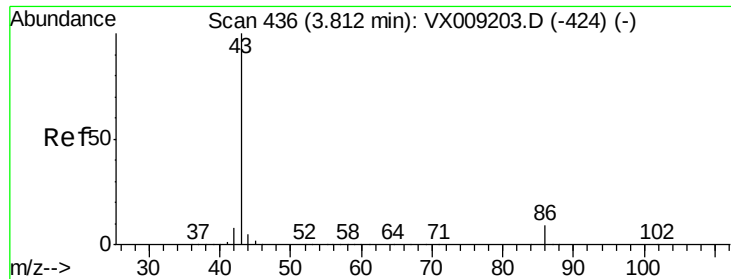
45 100

43 73.1 56.1 84.1

87 22.7 18.1 27.1

59 10.5 8.5 12.7





#23

Vinyl Acetate

Concen: 245.284 ug/l

RT: 3.82 min Scan# 437

Delta R.T. 0.01 min

Lab File: VX009645.D

Acq: 17 May 2019 06:47

Instrument :

MSVOA_X

ClientSampleId :

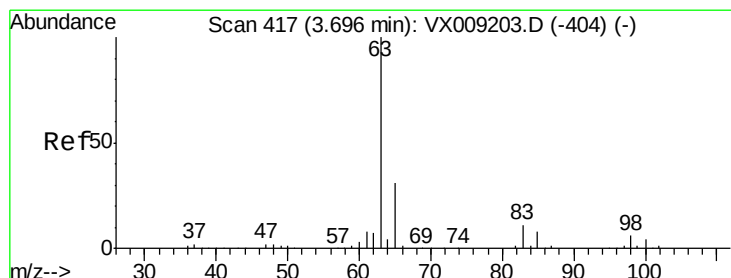
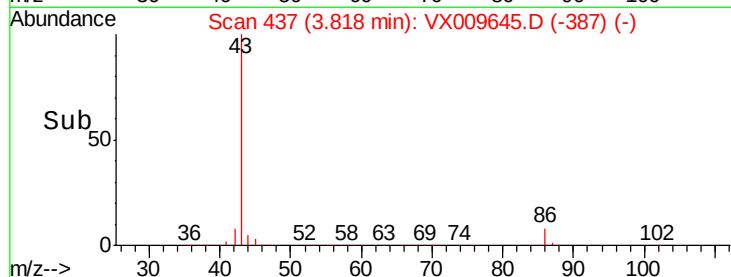
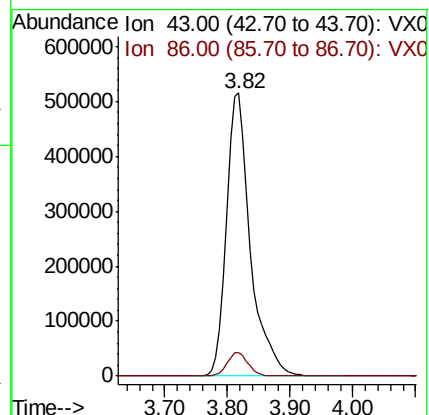
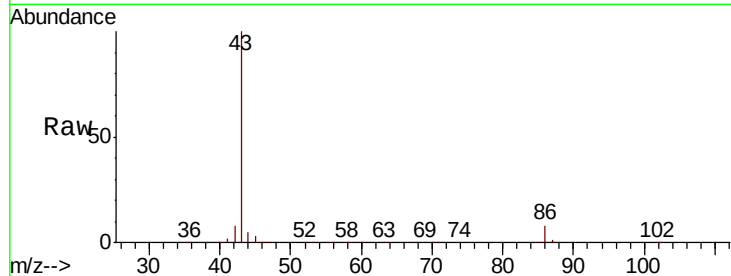
SS052MW100-190514MS

Tot Ion: 43 Resp: 1355993

Ion Ratio Lower Upper

43 100

86 8.4 6.9 10.3



#24

1,1-Dichloroethane

Concen: 52.706 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX009645.D

Acq: 17 May 2019 06:47

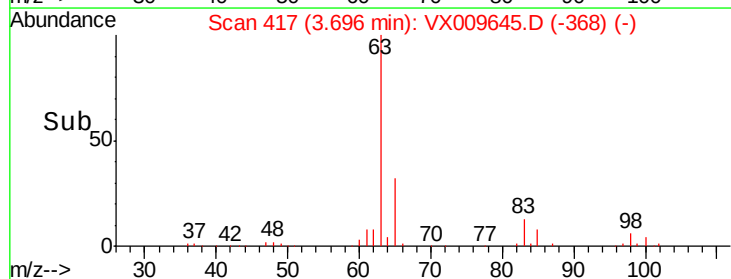
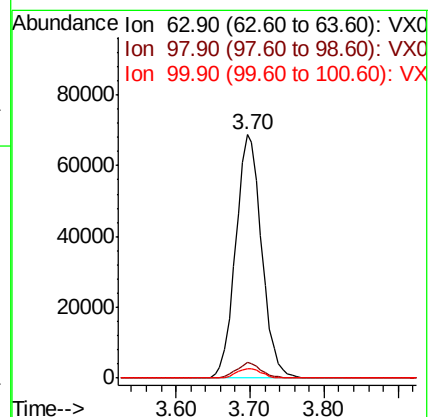
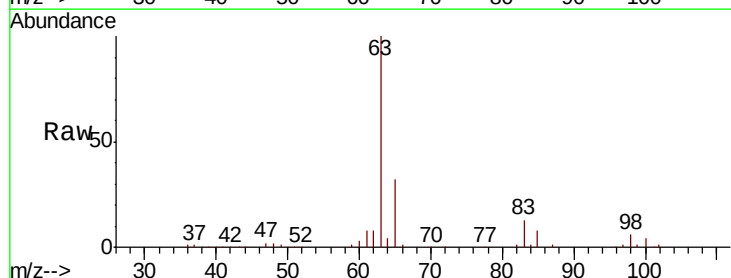
Tgt Ion: 63 Resp: 167856

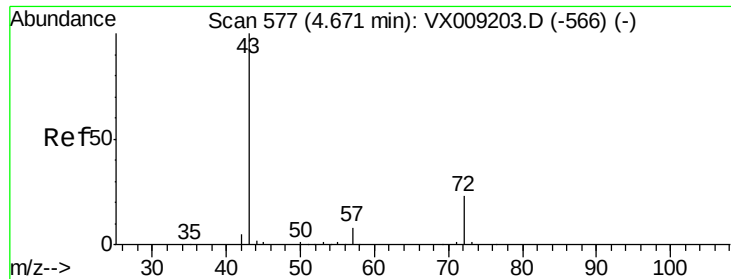
Ion Ratio Lower Upper

63 100

98 6.4 3.0 9.2

100 3.8 2.0 6.0





#25

2-Butanone

Concen: 267.722 ug/l

RT: 4.67 min Scan# 577

Delta R.T. -0.00 min

Lab File: VX009645.D

Acq: 17 May 2019 06:47

Instrument :

MSVOA_X

ClientSampleId :

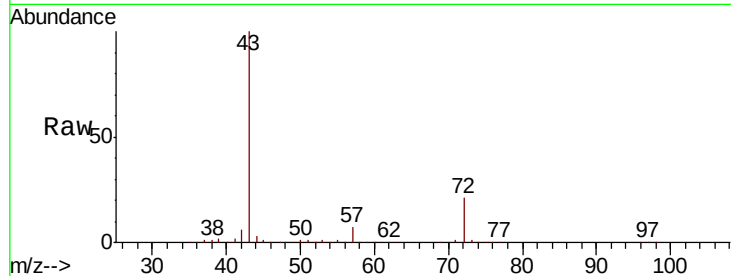
SS052MW100-190514MS

Tot Ion: 43 Resp: 447712

Ion Ratio Lower Upper

43 100

72 21.3 18.2 27.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

4.67

150000

100000

50000

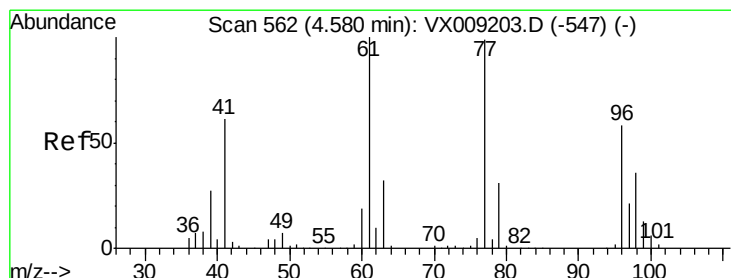
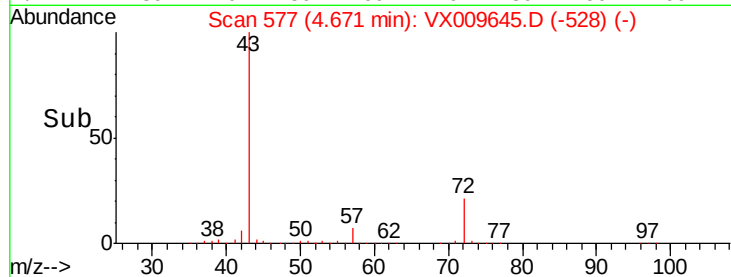
0

Time-->

4.60

4.70

4.80



#26

2,2-Dichloropropane

Concen: 28.884 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.01 min

Lab File: VX009645.D

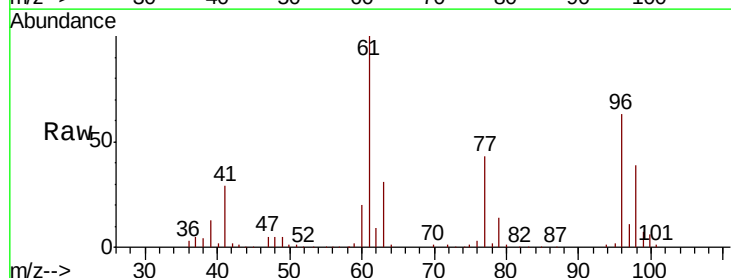
Acq: 17 May 2019 06:47

Tgt Ion: 77 Resp: 68472

Ion Ratio Lower Upper

77 100

97 26.4 11.5 34.4



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

4.59

25000

20000

15000

10000

5000

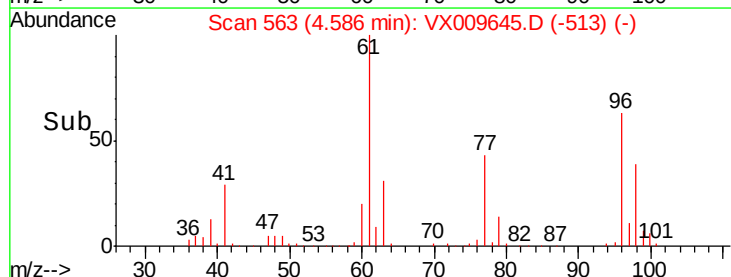
0

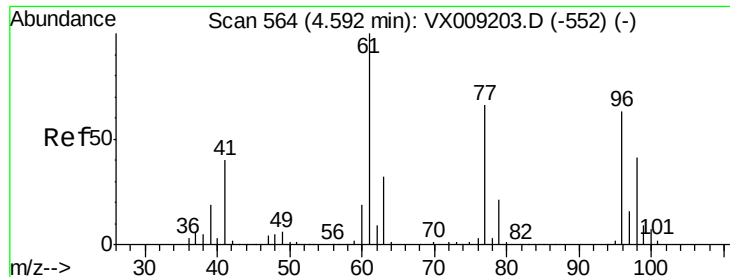
Time-->

4.50

4.60

4.70



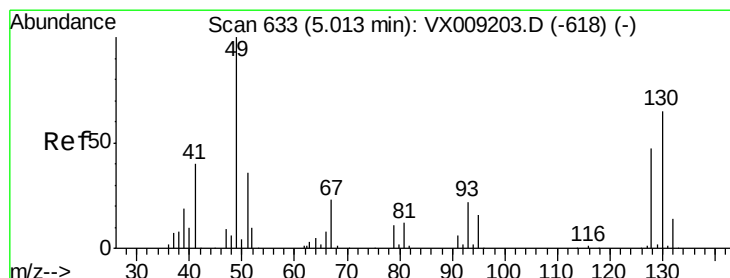
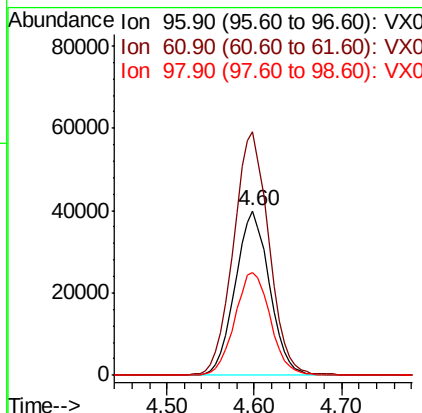
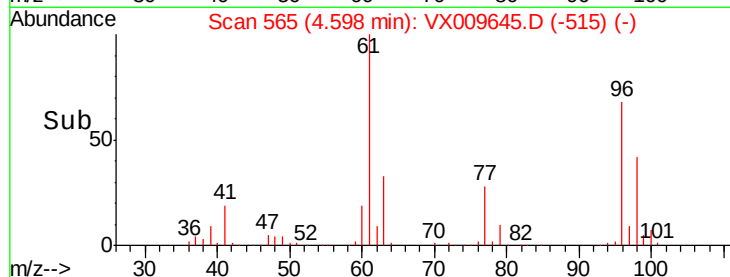
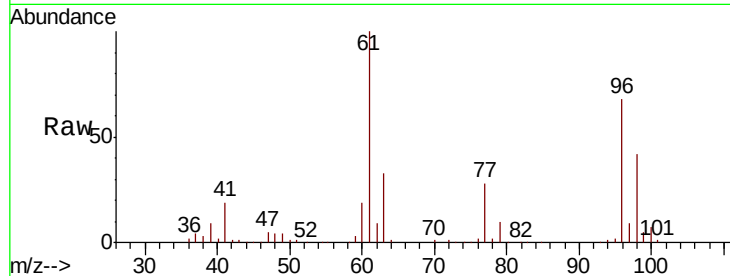


#27

cis-1,2-Dichloroethene
Concen: 61.280 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.01 min
Lab File: VX009645.D
Acq: 17 May 2019 06:47

Instrument :
MSVOA_X
ClientSampleId :
SS052MW100-190514MS

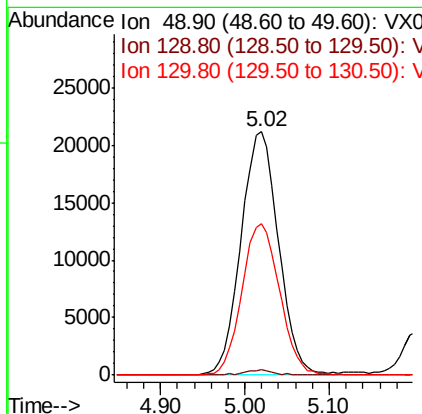
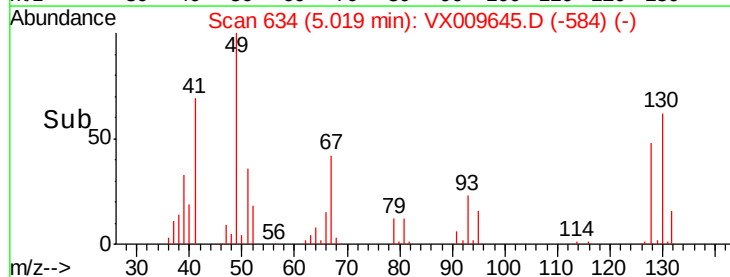
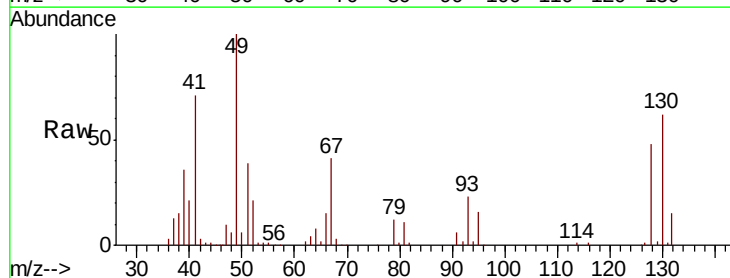
Tot Ion: 96 Resp: 109272
Ion Ratio Lower Upper
96 100
61 152.8 0.0 324.0
98 64.5 0.0 130.4

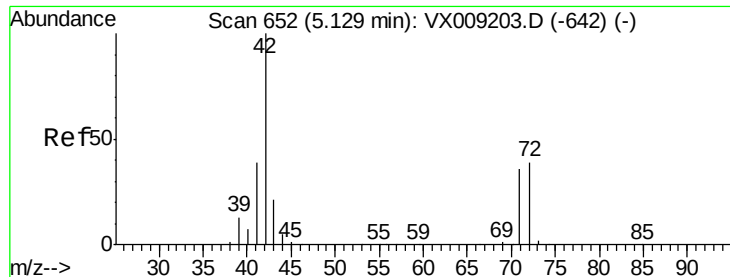


#28

Bromochloromethane
Concen: 50.001 ug/l
RT: 5.02 min Scan# 634
Delta R.T. 0.01 min
Lab File: VX009645.D
Acq: 17 May 2019 06:47

Tgt Ion: 49 Resp: 64103
Ion Ratio Lower Upper
49 100
129 1.5 0.0 3.8
130 62.3 51.2 76.8





#29

Tetrahydrofuran

Concen: 277.957 ug/l

RT: 5.13 min Scan# 652

Delta R.T. -0.00 min

Lab File: VX009645.D

Acq: 17 May 2019 06:47

Instrument :

MSVOA_X

ClientSampleId :

SS052MW100-190514MS

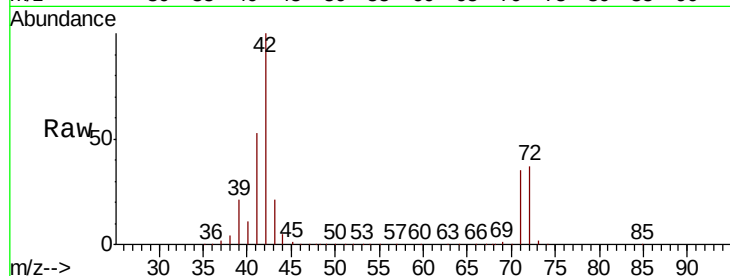
Tot Ion: 42 Resp: 299115

Ion Ratio Lower Upper

42 100

72 37.2 30.4 45.6

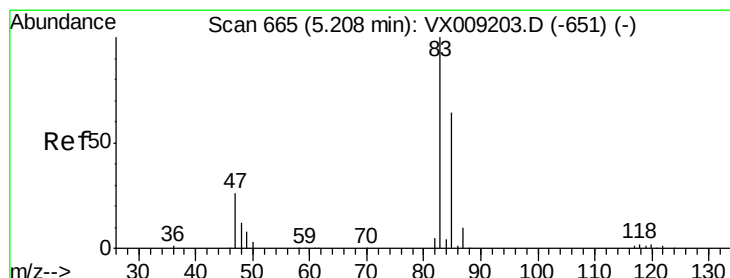
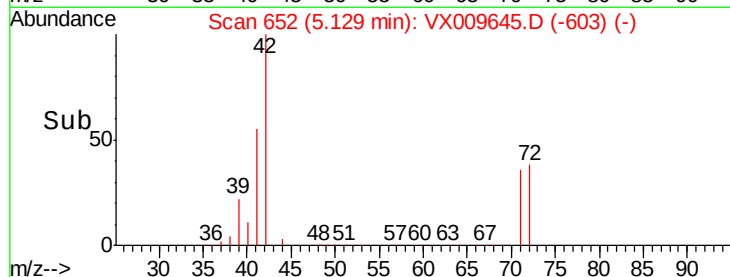
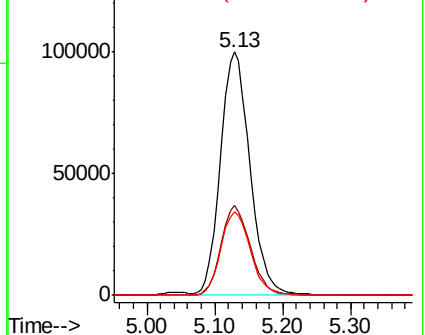
71 34.6 28.6 43.0



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 54.023 ug/l

RT: 5.21 min Scan# 666

Delta R.T. 0.01 min

Lab File: VX009645.D

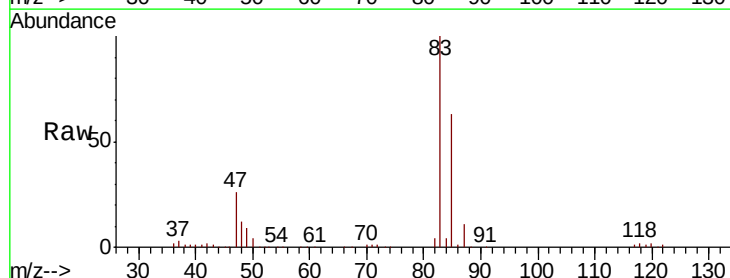
Acq: 17 May 2019 06:47

Tgt Ion: 83 Resp: 155609

Ion Ratio Lower Upper

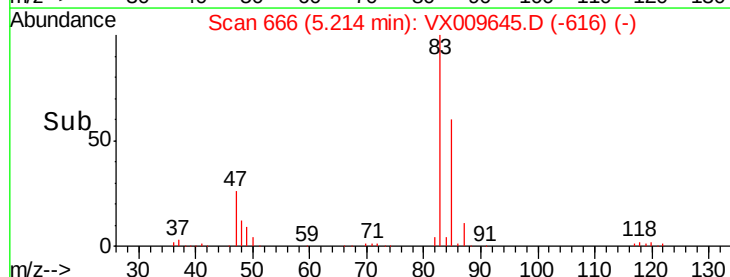
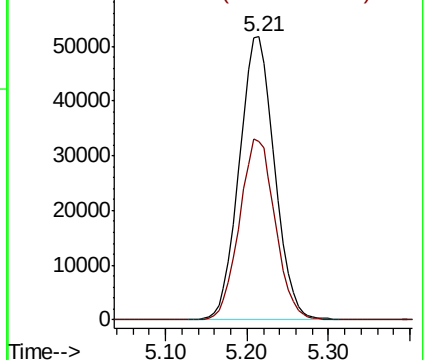
83 100

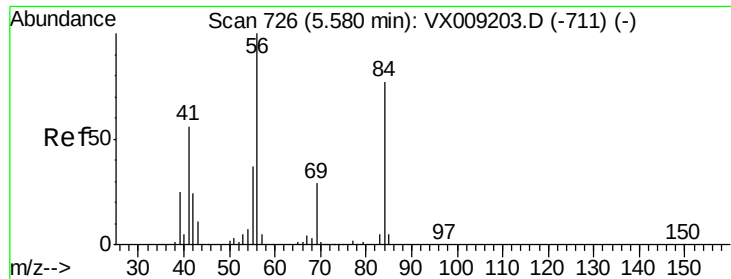
85 62.7 51.5 77.3



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

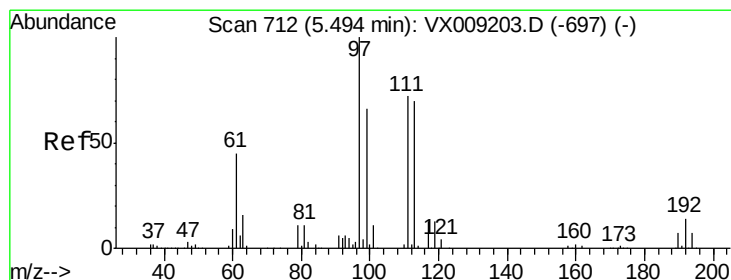
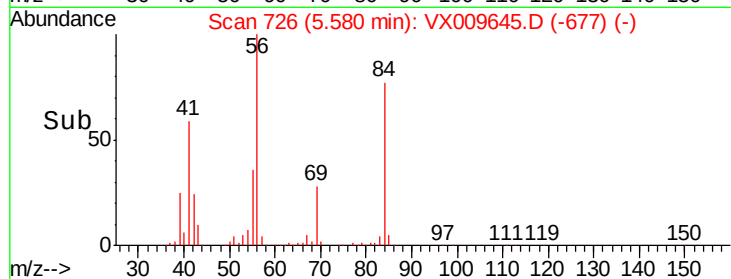
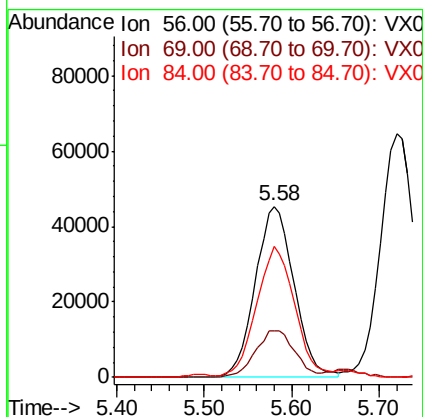
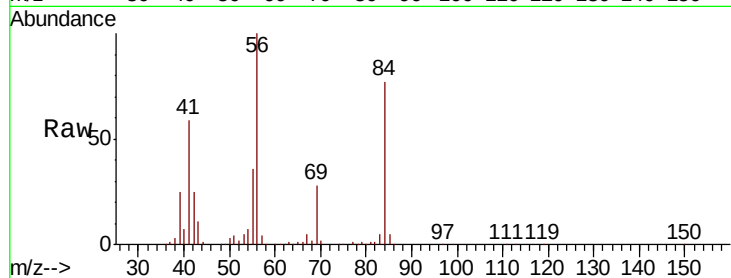




#31
Cyclohexane
Concen: 47.064 ug/l
RT: 5.58 min Scan# 726
Delta R.T. -0.00 min
Lab File: VX009645.D
Acq: 17 May 2019 06:47

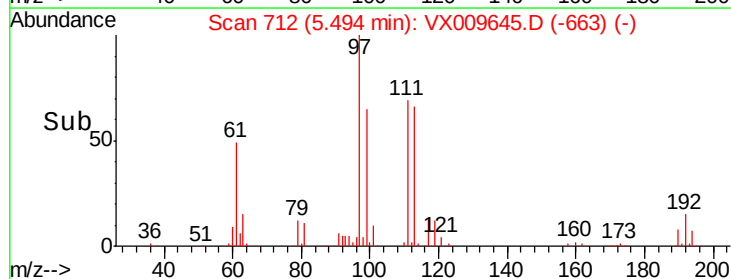
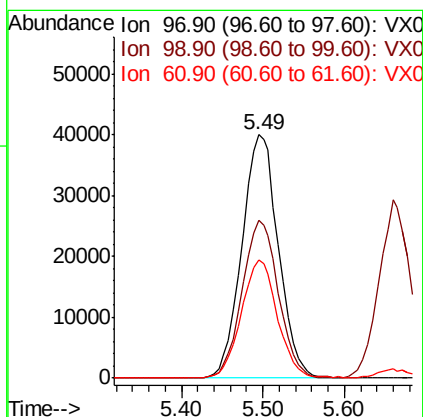
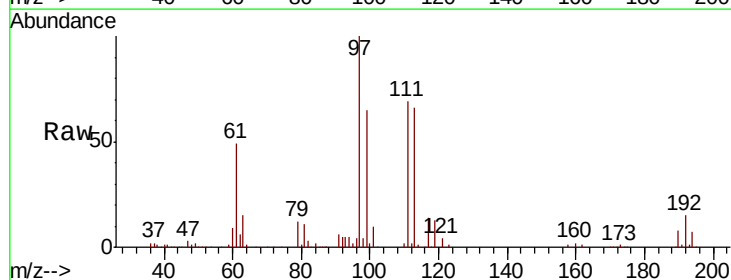
Instrument :
MSVOA_X
ClientSampleId :
SS052MW100-190514MS

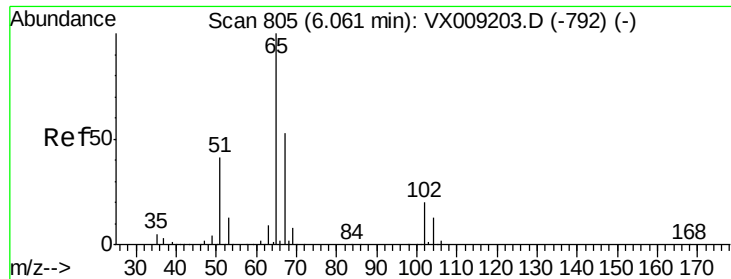
Tot Ion: 56 Resp: 139450
Ion Ratio Lower Upper
56 100
69 27.5 23.4 35.0
84 75.5 61.9 92.9



#32
1,1,1-Trichloroethane
Concen: 51.881 ug/l
RT: 5.49 min Scan# 712
Delta R.T. -0.00 min
Lab File: VX009645.D
Acq: 17 May 2019 06:47

Tgt Ion: 97 Resp: 124402
Ion Ratio Lower Upper
97 100
99 64.6 51.8 77.8
61 48.1 37.8 56.8

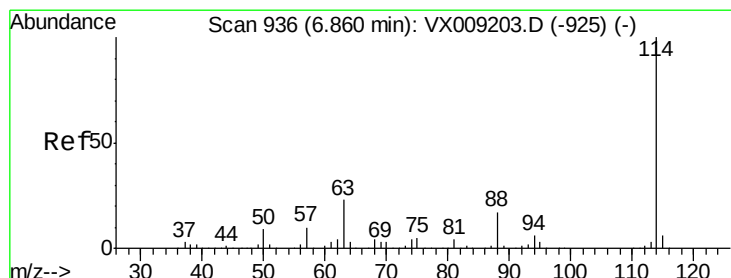
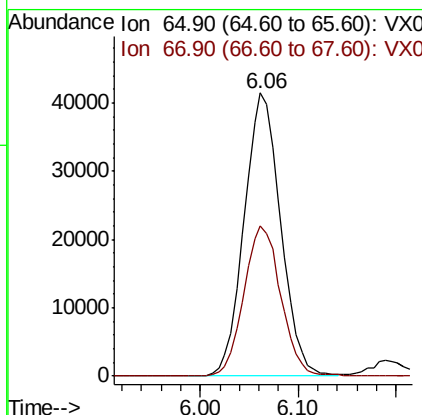
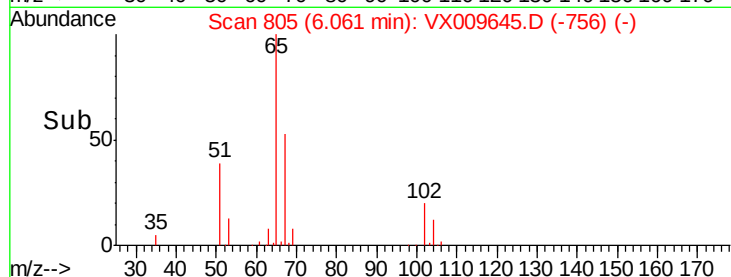
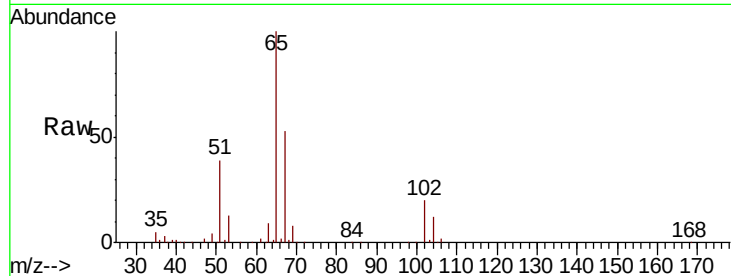




#33
 1,2-Dichloroethane-d4
 Concen: 53.639 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: VX009645.D
 Acq: 17 May 2019 06:47

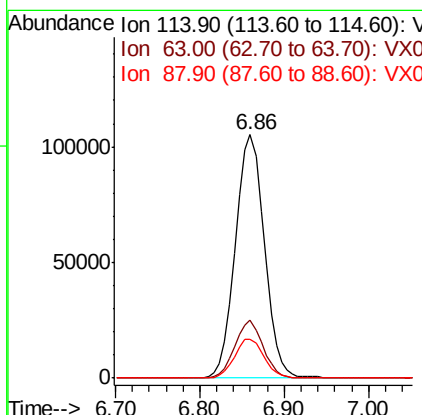
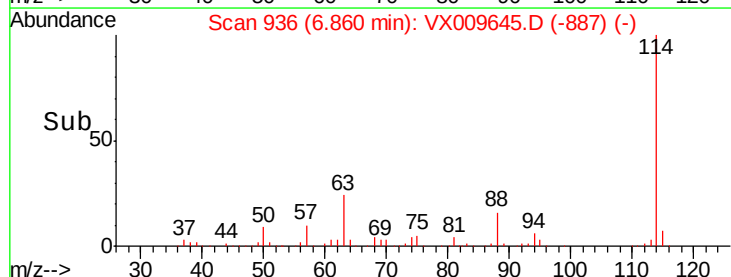
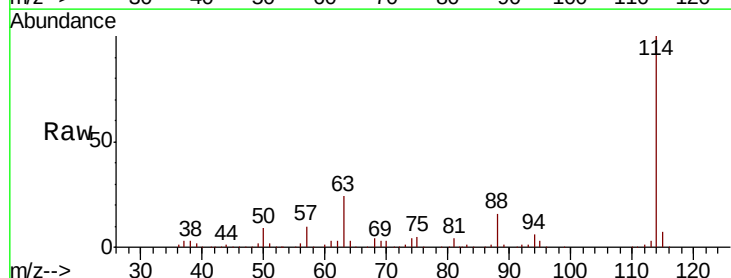
Instrument :
 MSVOA_X
 ClientSampleId :
 SS052MW100-190514MS

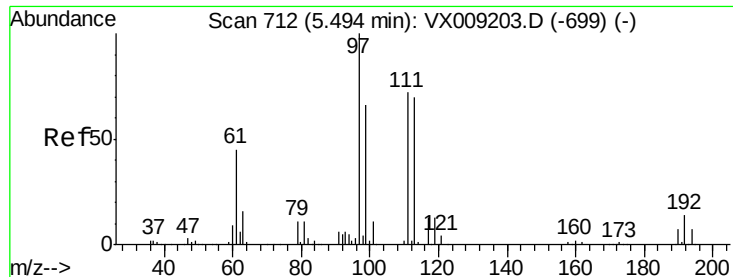
Tot Ion: 65 Resp: 107500
 Ion Ratio Lower Upper
 65 100
 67 53.6 0.0 106.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX009645.D
 Acq: 17 May 2019 06:47

Tgt Ion: 114 Resp: 245058
 Ion Ratio Lower Upper
 114 100
 63 23.8 0.0 45.6
 88 15.9 0.0 33.2

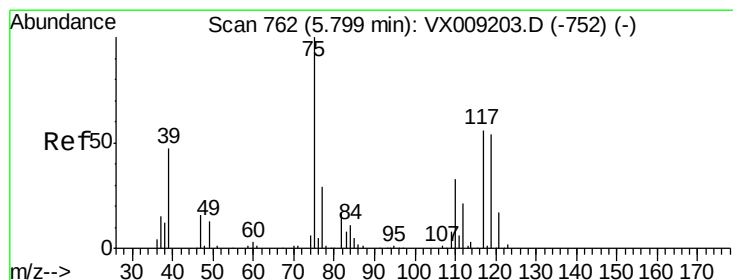
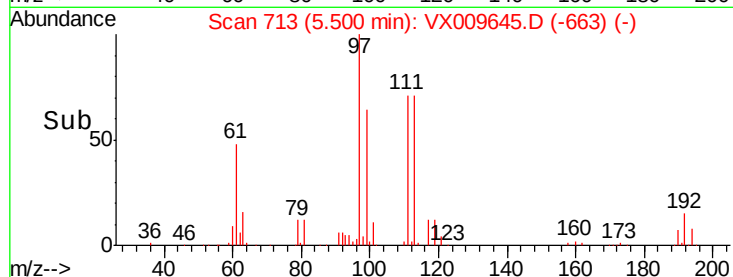
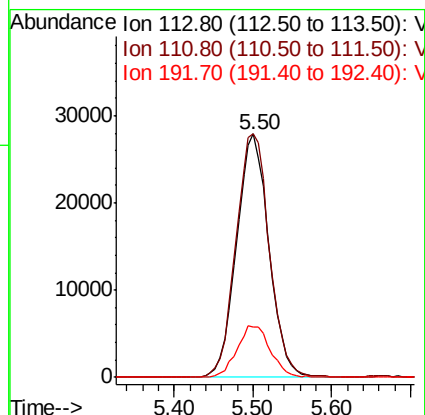
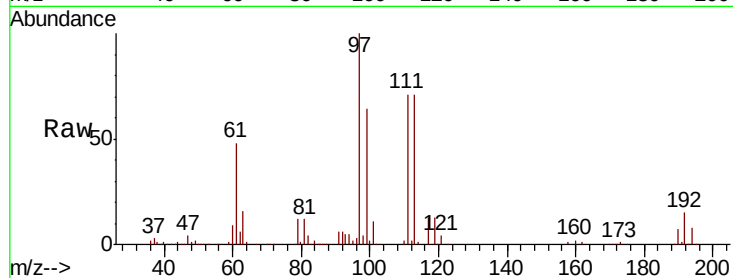




#35
 Dibromofluoromethane
 Concen: 51.549 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.01 min
 Lab File: VX009645.D
 Acq: 17 May 2019 06:47

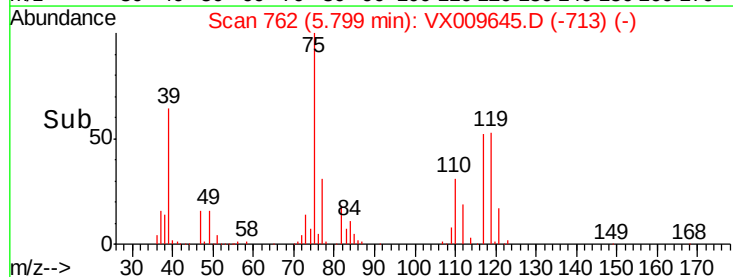
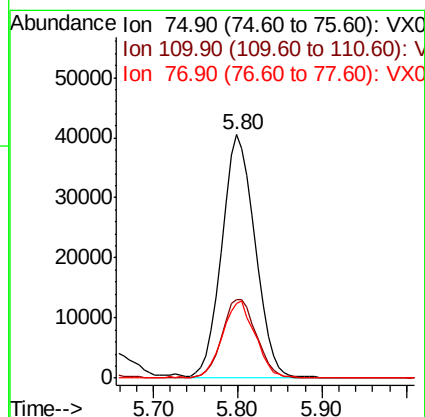
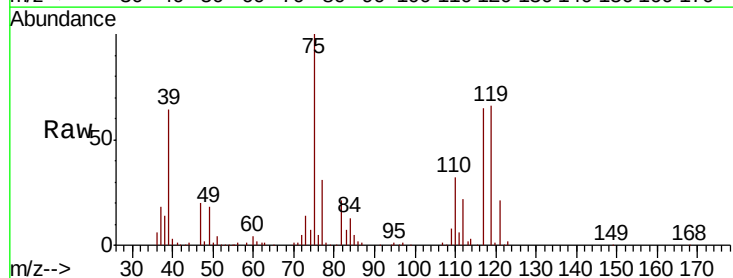
Instrument :
 MSVOA_X
 ClientSampleId :
 SS052MW100-190514MS

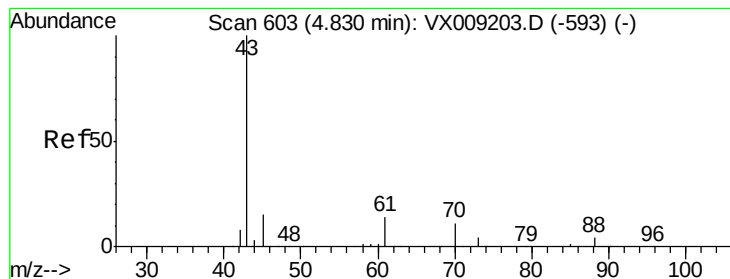
Tot Ion:113 Resp: 79413
 Ion Ratio Lower Upper
 113 100
 111 103.5 82.8 124.2
 192 21.8 17.0 25.6



#36
 1,1-Dichloropropene
 Concen: 47.948 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. -0.00 min
 Lab File: VX009645.D
 Acq: 17 May 2019 06:47

Tgt Ion: 75 Resp: 109195
 Ion Ratio Lower Upper
 75 100
 110 33.6 16.9 50.6
 77 31.6 24.8 37.2





#37

Ethyl Acetate

Concen: 48.004 ug/l

RT: 4.83 min Scan# 603

Delta R.T. -0.00 min

Lab File: VX009645.D

Acq: 17 May 2019 06:47

Instrument :

MSVOA_X

ClientSampleId :

SS052MW100-190514MS

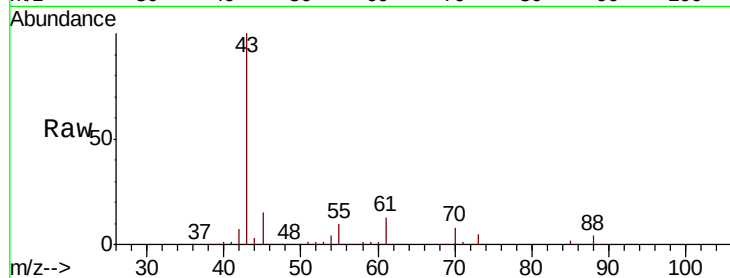
Tot Ion: 43 Resp: 152319

Ion Ratio Lower Upper

43 100

61 12.7 10.5 15.7

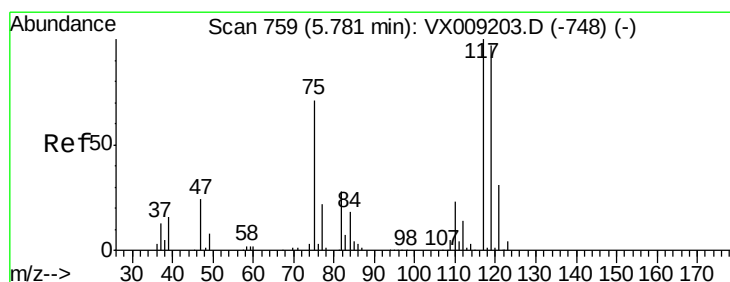
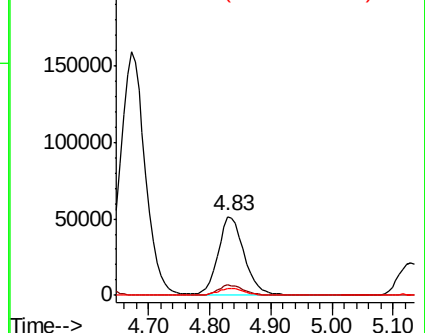
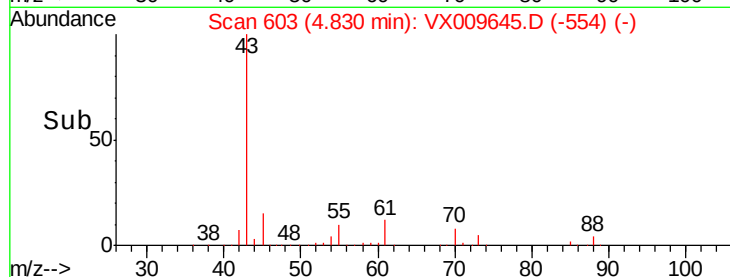
70 9.1 7.9 11.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 70.00 (69.70 to 70.70): VX0



#38

Carbon Tetrachloride

Concen: 48.303 ug/l

RT: 5.79 min Scan# 760

Delta R.T. 0.01 min

Lab File: VX009645.D

Acq: 17 May 2019 06:47

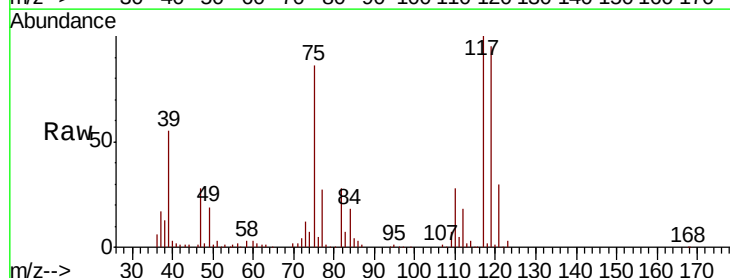
Tgt Ion: 117 Resp: 99944

Ion Ratio Lower Upper

117 100

119 94.9 77.5 116.3

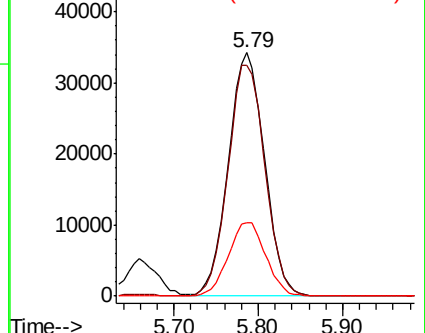
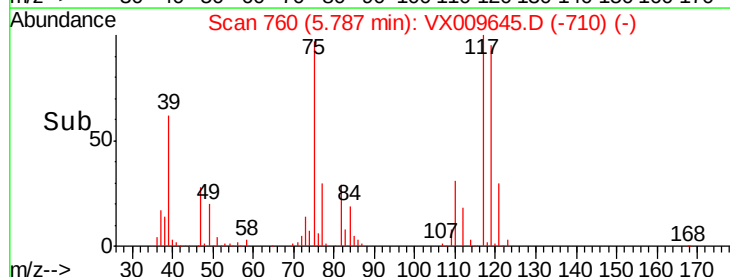
121 30.0 24.7 37.1

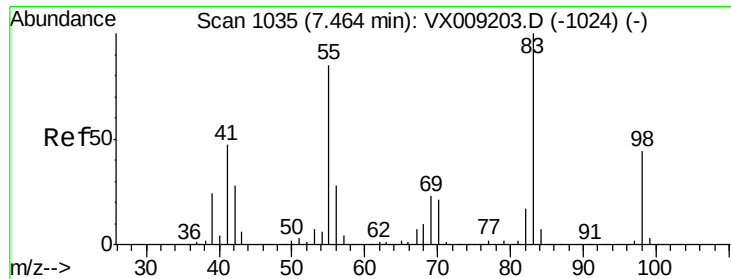


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

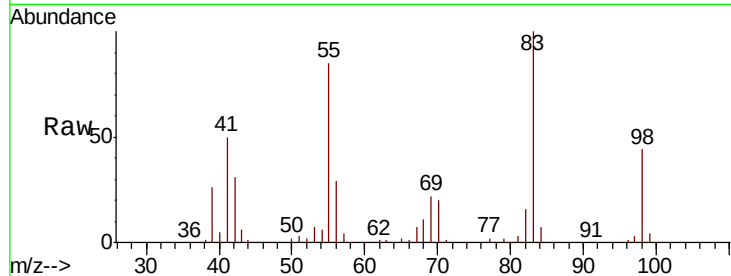




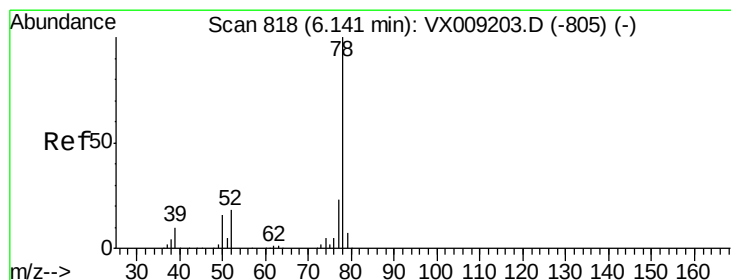
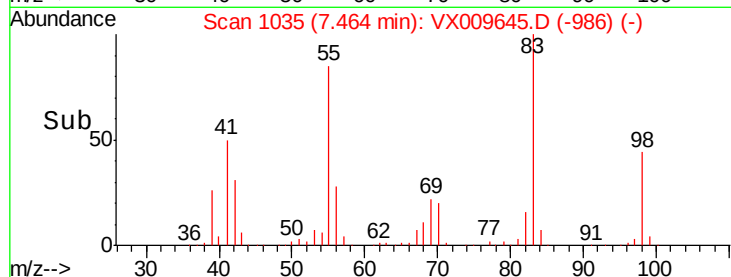
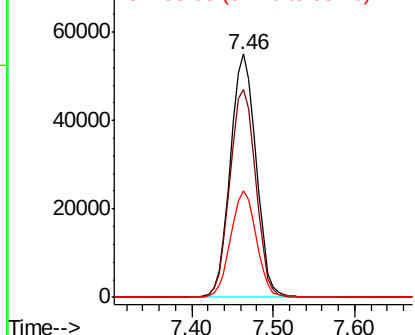
#39
Methylvlcyclohexane
Concen: 42.641 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX009645.D
Acq: 17 May 2019 06:47

Instrument :
MSVOA_X
ClientSampleId :
SS052MW100-190514MS

Tot Ion: 83 Resp: 119260
Ion Ratio Lower Upper
83 100
55 85.4 67.7 101.5
98 43.9 35.5 53.3

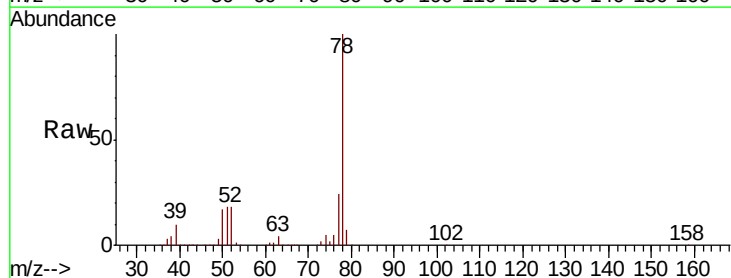


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

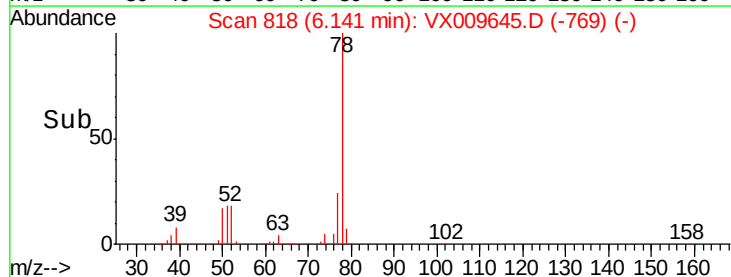
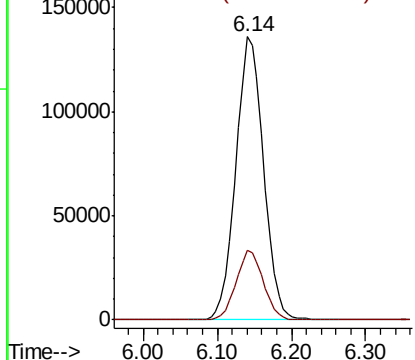


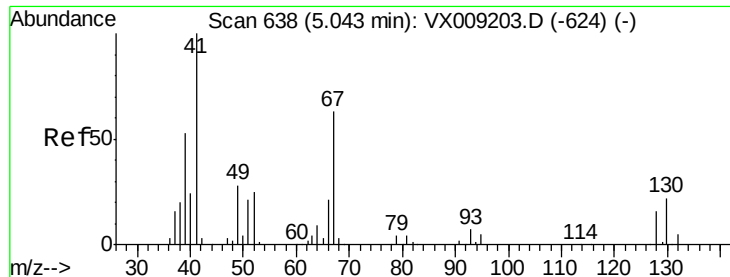
#40
Benzene
Concen: 50.490 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX009645.D
Acq: 17 May 2019 06:47

Tgt Ion: 78 Resp: 355853
Ion Ratio Lower Upper
78 100
77 24.4 18.8 28.2



Abundance Ion 78.00 (77.70 to 78.70): VX0
Ion 77.00 (76.70 to 77.70): VX0

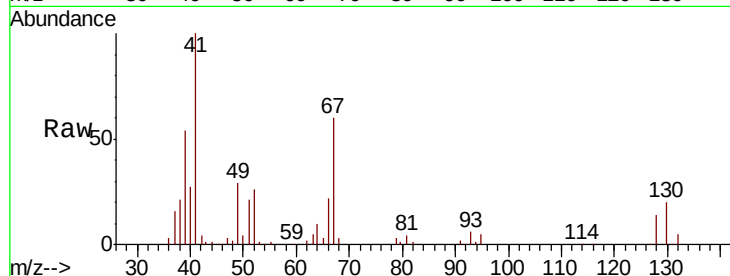




#41
Methacrylonitrile
Concen: 51.717 ug/l
RT: 5.04 min Scan# 638
Delta R.T. -0.00 min
Lab File: VX009645.D
Acq: 17 May 2019 06:47

Instrument :
MSVOA_X
ClientSampleId :
SS052MW100-190514MS

Tot Ion:	41	Resp:	97684
Ion	Ratio	Lower	Upper
41	100		
39	53.3	42.0	63.0
67	61.6	49.8	74.8
52	26.4	20.3	30.5



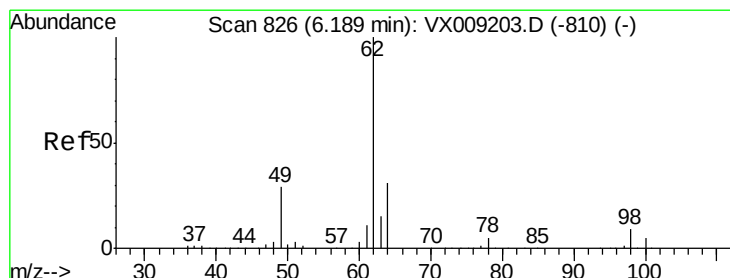
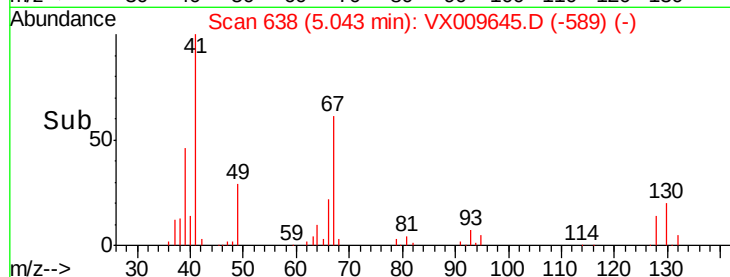
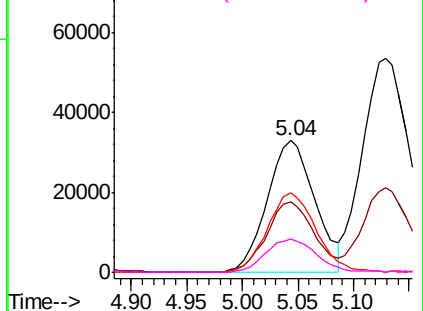
Abundance

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

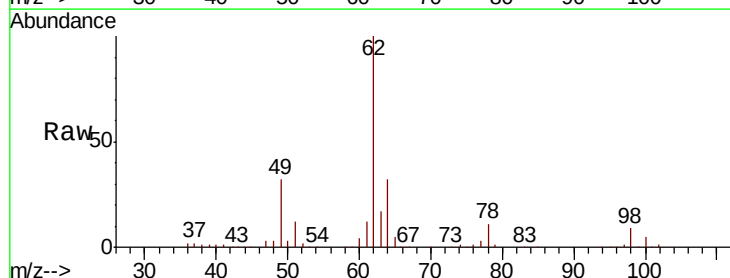
Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42
1,2-Dichloroethane
Concen: 52.583 ug/l
RT: 6.19 min Scan# 826
Delta R.T. -0.00 min
Lab File: VX009645.D
Acq: 17 May 2019 06:47

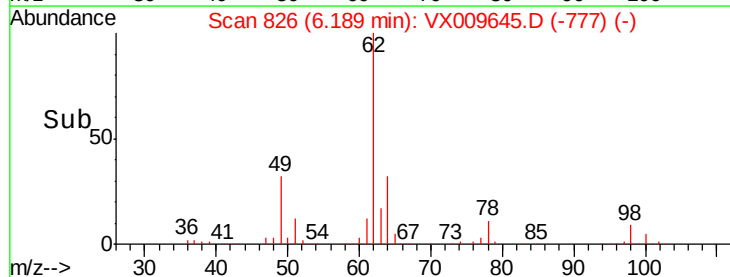
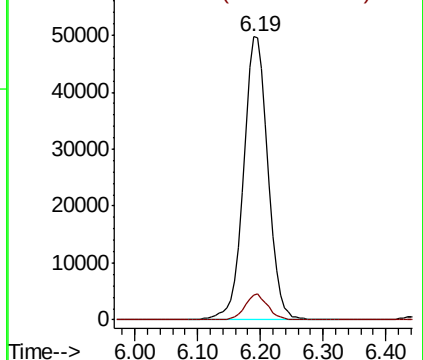
Tgt Ion:	62	Resp:	132943
Ion	Ratio	Lower	Upper
62	100		
98	8.6	0.0	18.2

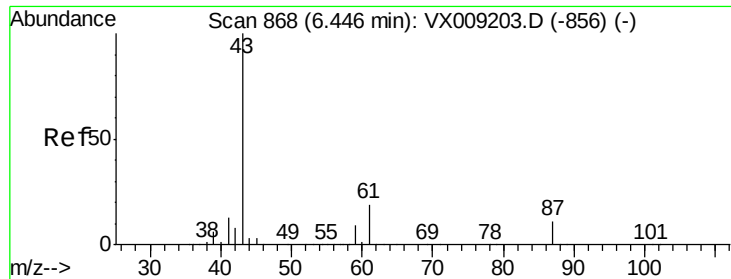


Abundance

Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



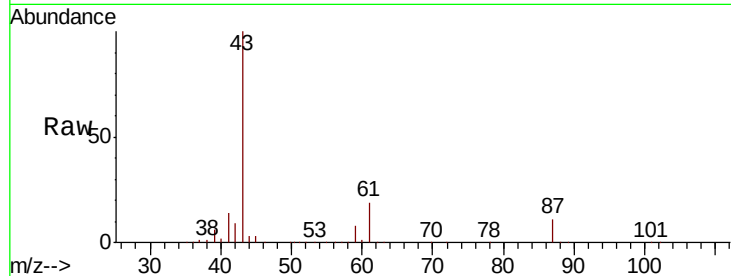


#43

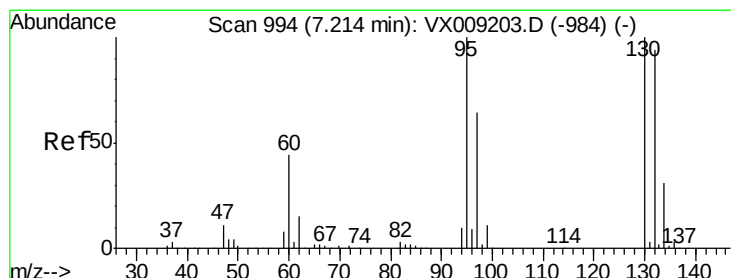
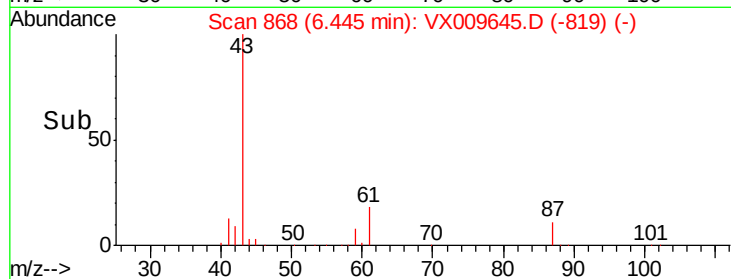
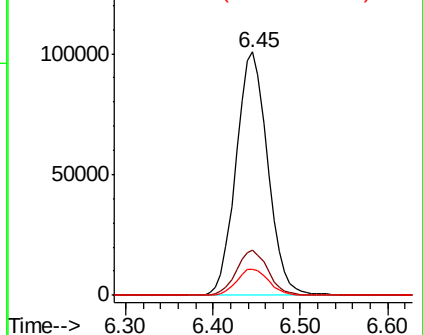
Isopropyl Acetate
 Concen: 49.747 ug/l
 RT: 6.45 min Scan# 868
 Delta R.T. -0.00 min
 Lab File: VX009645.D
 Acq: 17 May 2019 06:47

Instrument :
 MSVOA_X
 ClientSampleId :
 SS052MW100-190514MS

Tot Ion: 43 Resp: 252486
 Ion Ratio Lower Upper
 43 100
 61 18.6 15.1 22.7
 87 11.1 9.0 13.6



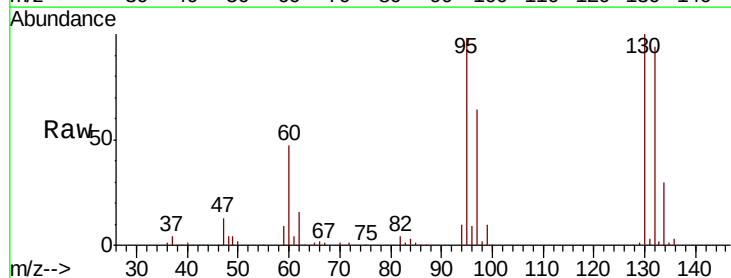
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



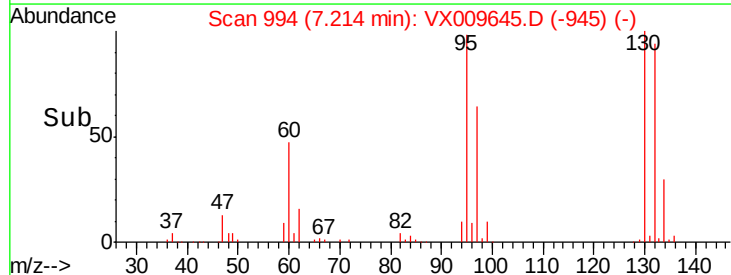
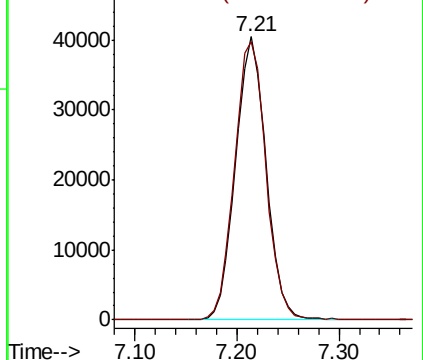
#44

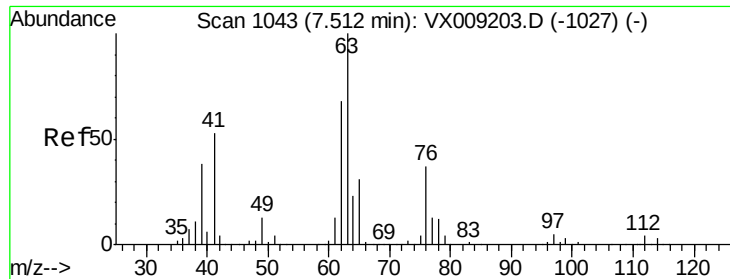
Trichloroethene
 Concen: 49.240 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. -0.00 min
 Lab File: VX009645.D
 Acq: 17 May 2019 06:47

Tgt Ion:130 Resp: 83899
 Ion Ratio Lower Upper
 130 100
 95 98.2 0.0 199.2



Abundance Ion 129.80 (129.50 to 130.50): V
 Ion 94.90 (94.60 to 95.60): VX0

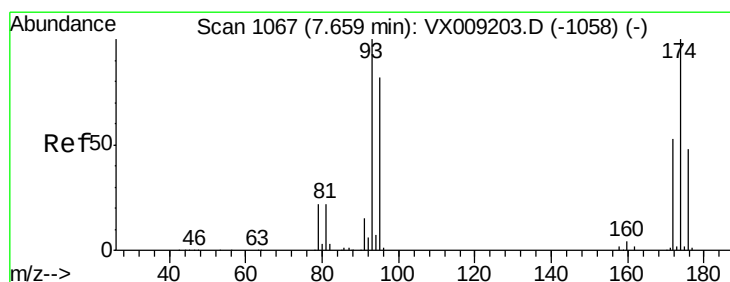
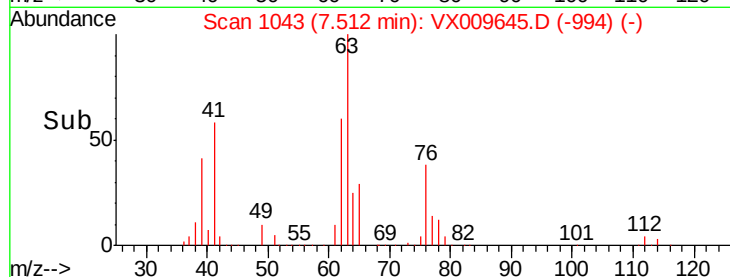
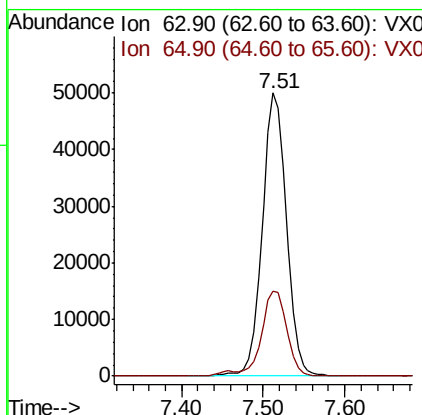
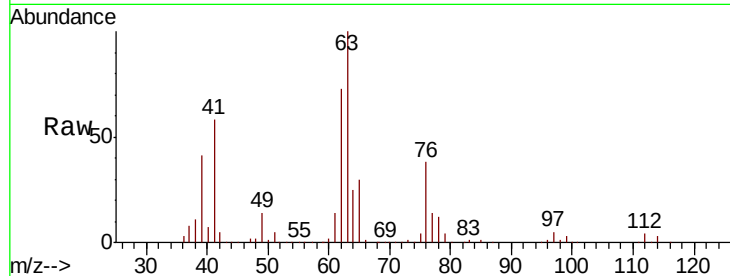




#45
 1,2-Dichloropropane
 Concen: 51.766 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: VX009645.D
 Acq: 17 May 2019 06:47

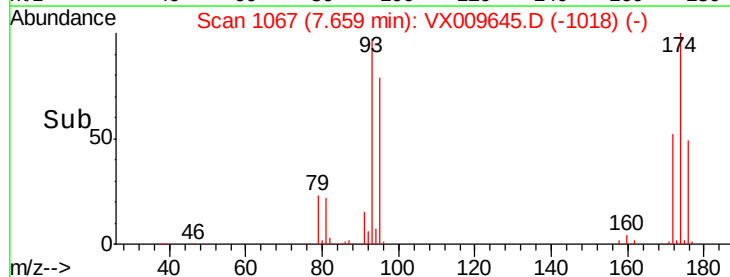
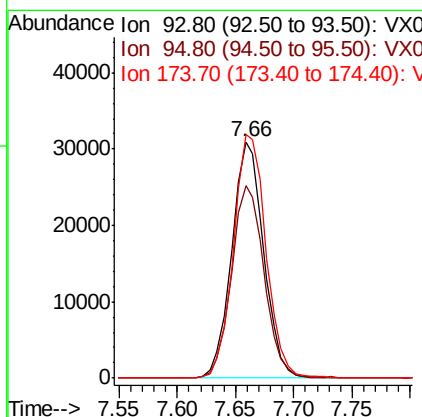
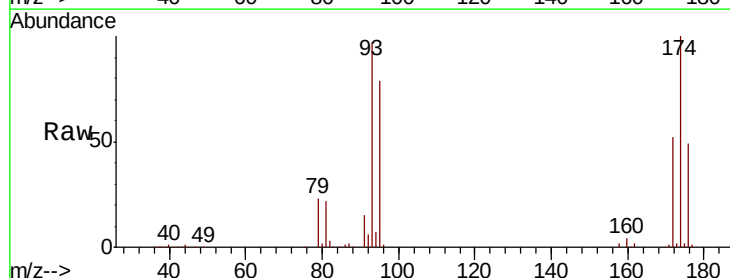
Instrument :
 MSVOA_X
 ClientSampleId :
 SS052MW100-190514MS

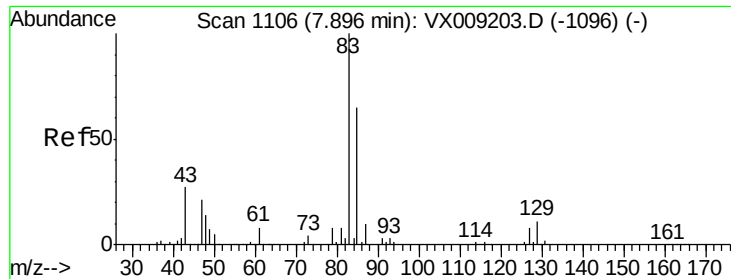
Tot Ion: 63 Resp: 103311
 Ion Ratio Lower Upper
 63 100
 65 30.2 25.0 37.6



#46
 Dibromomethane
 Concen: 51.042 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. -0.00 min
 Lab File: VX009645.D
 Acq: 17 May 2019 06:47

Tgt Ion: 93 Resp: 59154
 Ion Ratio Lower Upper
 93 100
 95 82.9 66.5 99.7
 174 104.9 82.1 123.1





#47

Bromodichloromethane

Concen: 52.598 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX009645.D

Acq: 17 May 2019 06:47

Instrument :

MSVOA_X

ClientSampleId :

SS052MW100-190514MS

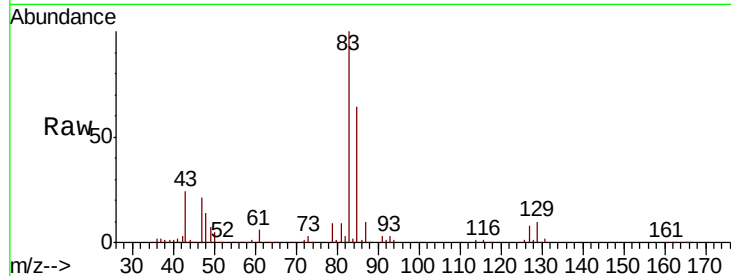
Tot Ion: 83 Resp: 121595

Ion Ratio Lower Upper

83 100

85 63.8 52.4 78.6

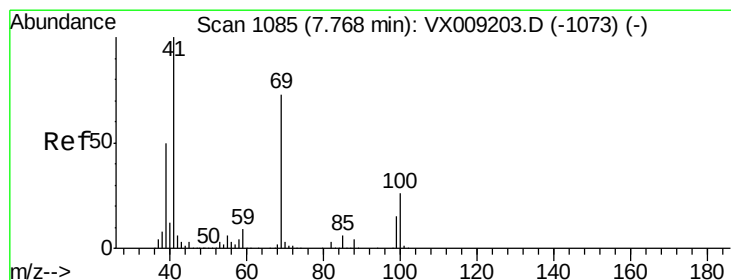
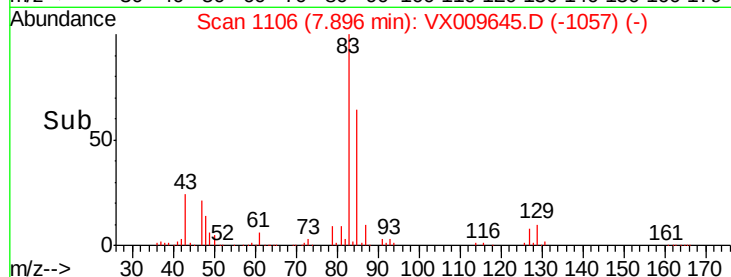
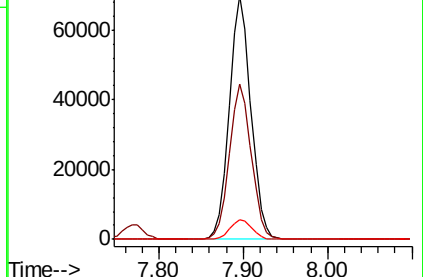
127 7.9 6.6 10.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 54.420 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. -0.00 min

Lab File: VX009645.D

Acq: 17 May 2019 06:47

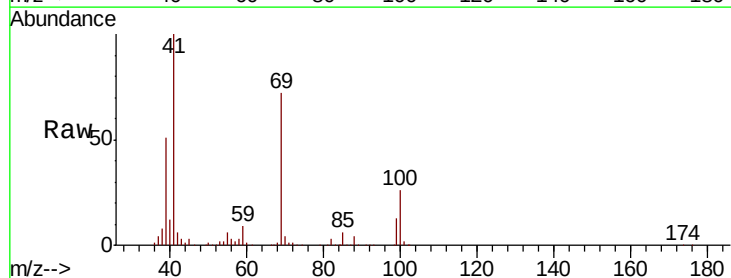
Tgt Ion: 41 Resp: 137031

Ion Ratio Lower Upper

41 100

69 73.2 59.1 88.7

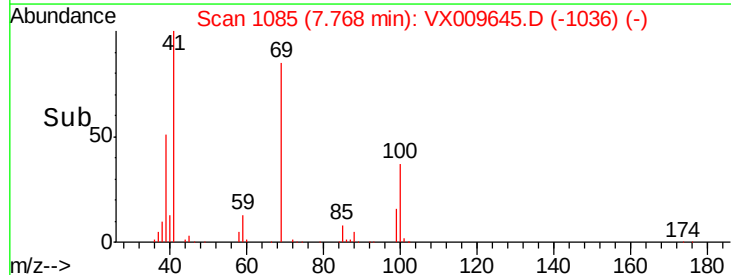
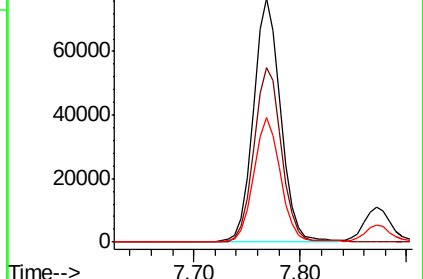
39 50.2 40.4 60.6

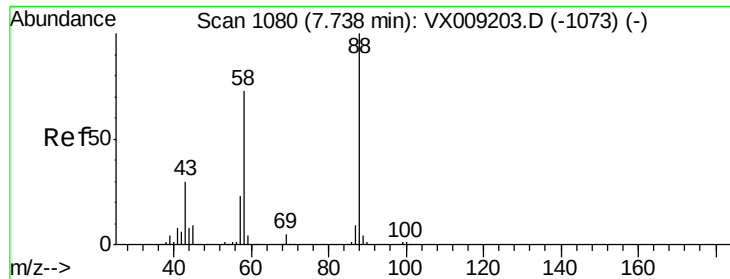


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 940.691 ug/l

RT: 7.74 min Scan# 1080

Delta R.T. -0.00 min

Lab File: VX009645.D

Acq: 17 May 2019 06:47

Instrument :

MSVOA_X

ClientSampleId :

SS052MW100-190514MS

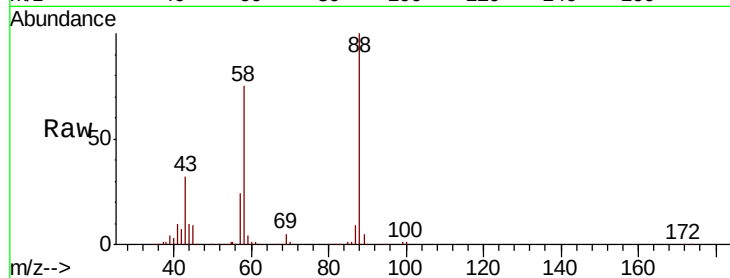
Tot Ion: 88 Resp: 48037

Ion Ratio Lower Upper

88 100

43 36.8 28.6 42.8

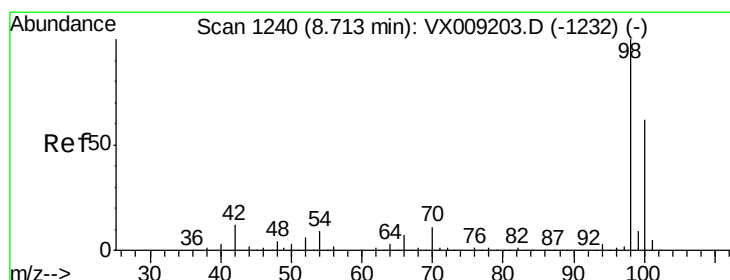
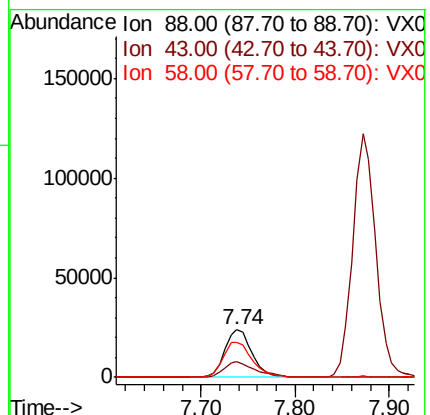
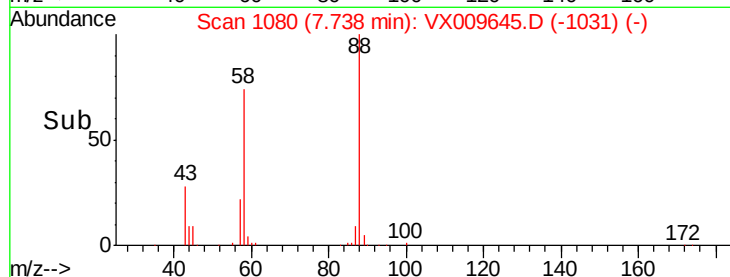
58 78.3 61.7 92.5



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 49.139 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX009645.D

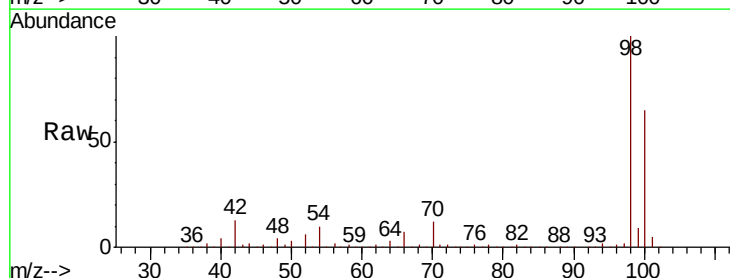
Acq: 17 May 2019 06:47

Tgt Ion: 98 Resp: 305623

Ion Ratio Lower Upper

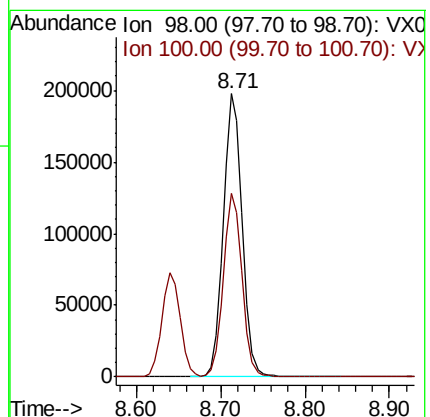
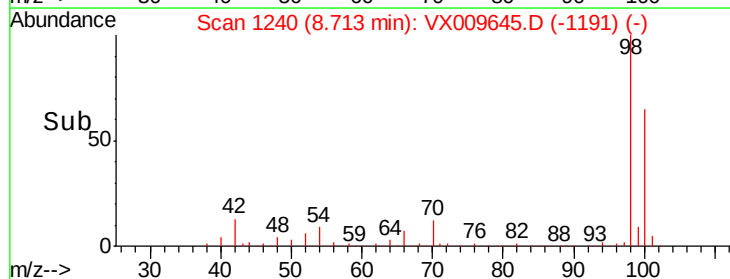
98 100

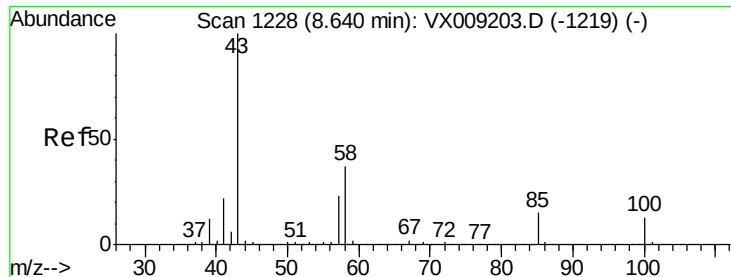
100 64.2 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#51

4-Methyl-2-Pentanone

Concen: 272.877 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. -0.00 min

Lab File: VX009645.D

Acq: 17 May 2019 06:47

Instrument :

MSVOA_X

ClientSampleId :

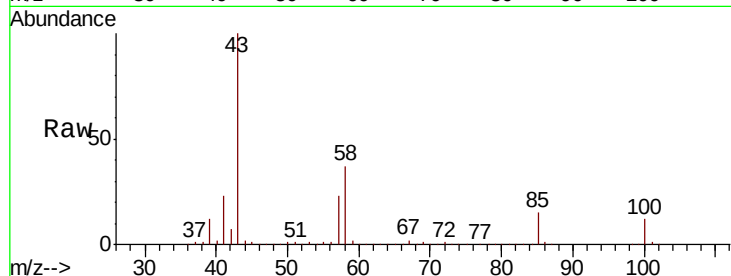
SS052MW100-190514MS

Tot Ion: 43 Resp: 905246

Ion Ratio Lower Upper

43 100

58 36.4 29.5 44.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.64

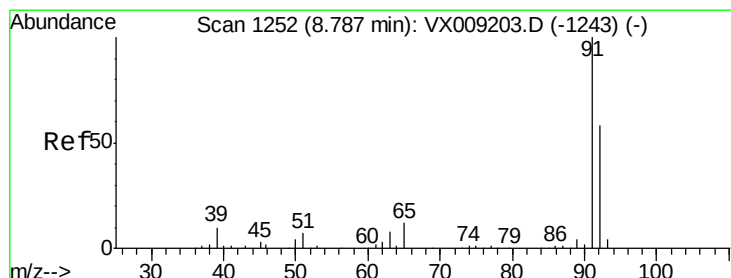
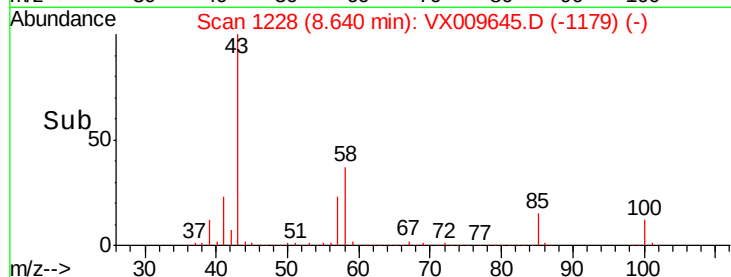
600000

400000

200000

0

Time-->



#52

Toluene

Concen: 50.495 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX009645.D

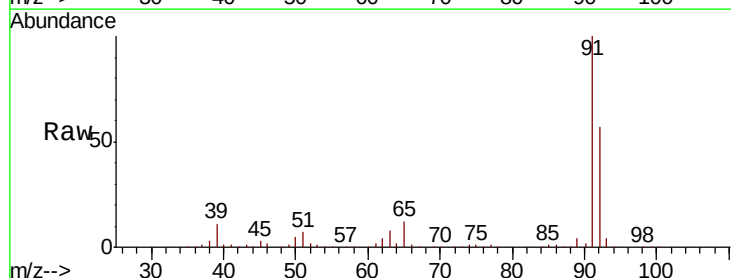
Acq: 17 May 2019 06:47

Tgt Ion: 92 Resp: 216335

Ion Ratio Lower Upper

92 100

91 173.3 138.8 208.2



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

250000

200000

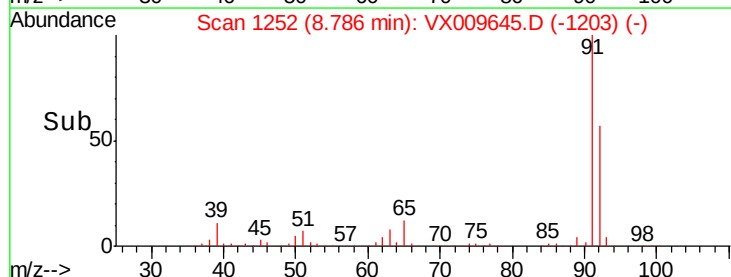
150000

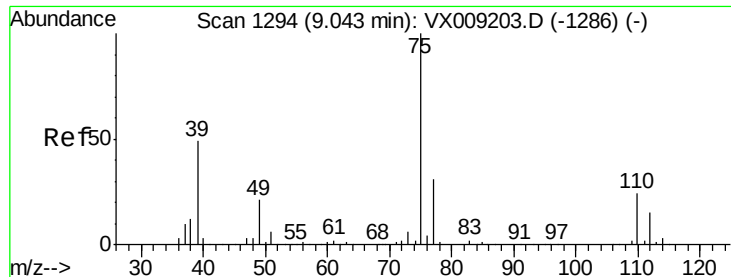
100000

50000

0

Time-->

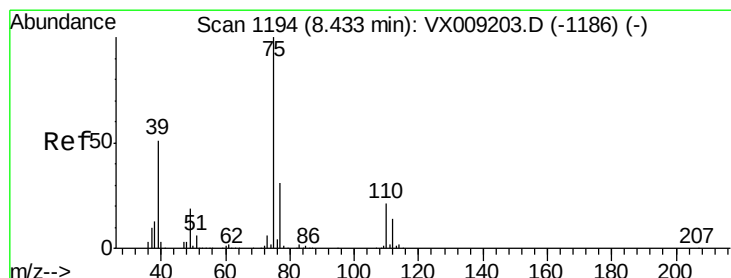
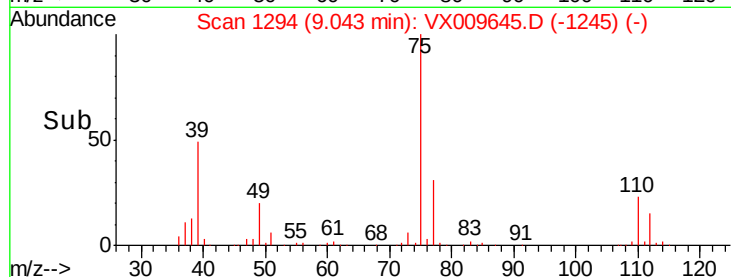
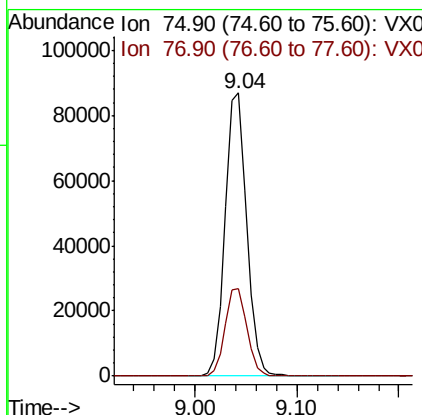
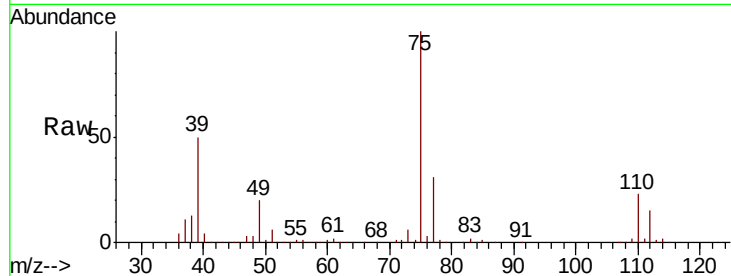




#53
t-1,3-Dichloropropene
Concen: 48.731 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. -0.00 min
Lab File: VX009645.D
Acq: 17 May 2019 06:47

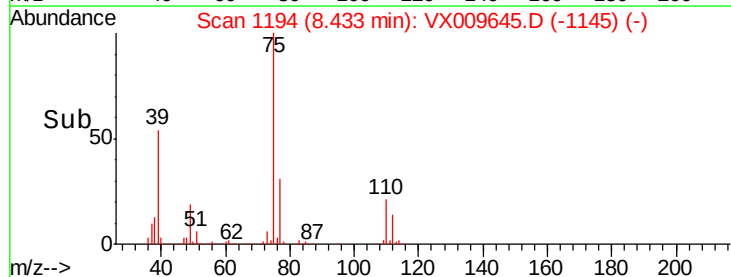
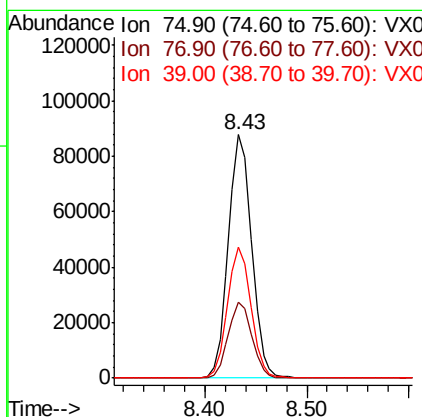
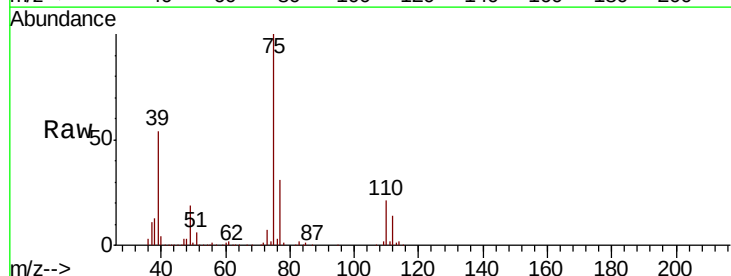
Instrument :
MSVOA_X
ClientSampleId :
SS052MW100-190514MS

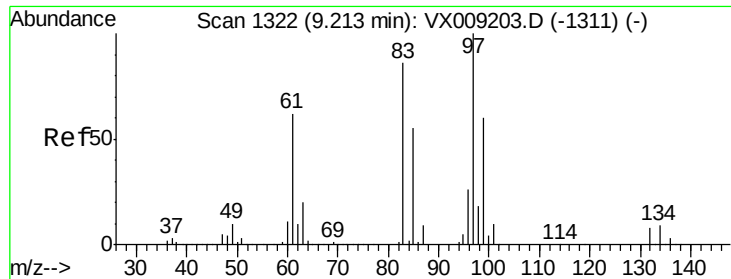
Tot Ion: 75 Resp: 127189
Ion Ratio Lower Upper
75 100
77 31.1 25.0 37.6



#54
cis-1,3-Dichloropropene
Concen: 48.021 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. -0.00 min
Lab File: VX009645.D
Acq: 17 May 2019 06:47

Tgt Ion: 75 Resp: 138727
Ion Ratio Lower Upper
75 100
77 31.3 24.6 36.8
39 53.8 40.6 60.8

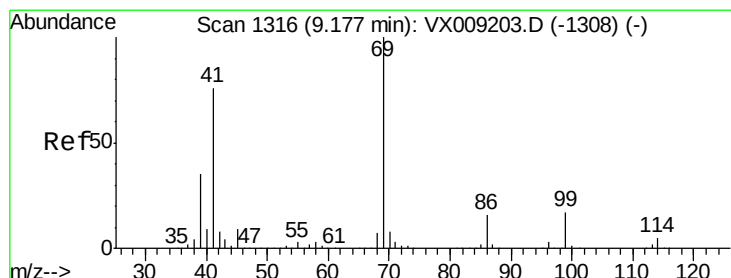
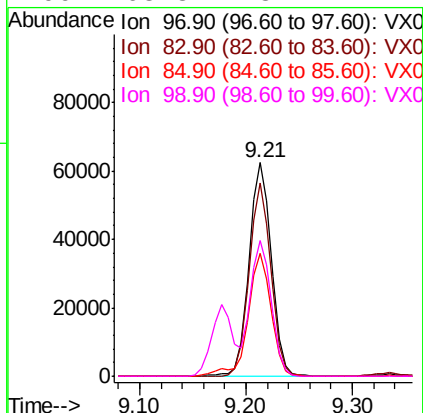
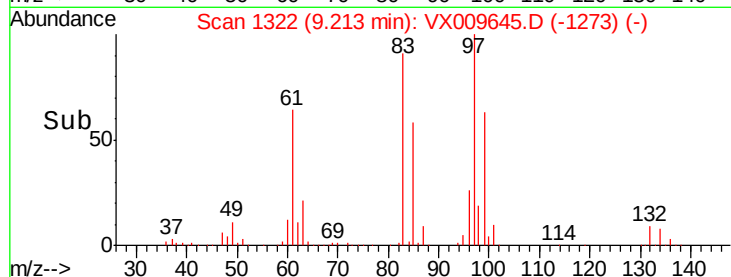
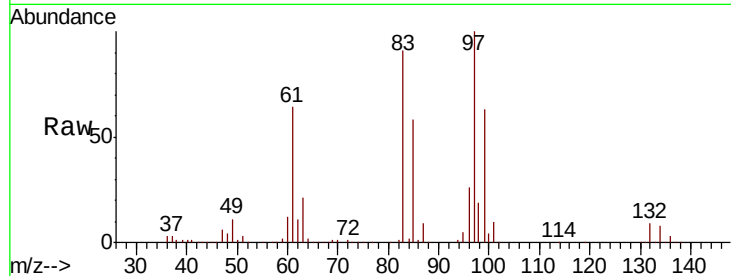




#55
 1,1,2-Trichloroethane
 Concen: 52.612 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX009645.D
 Acq: 17 May 2019 06:47

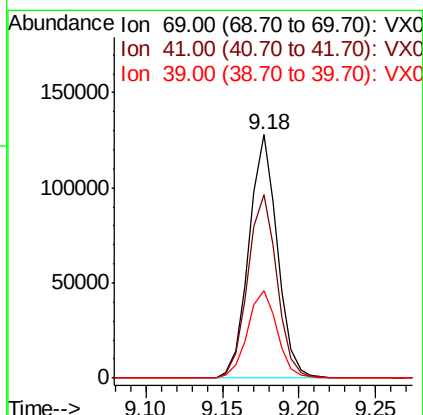
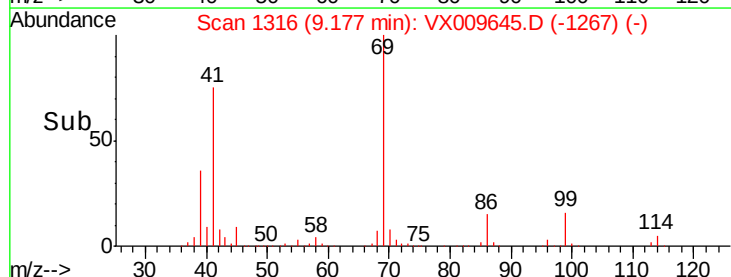
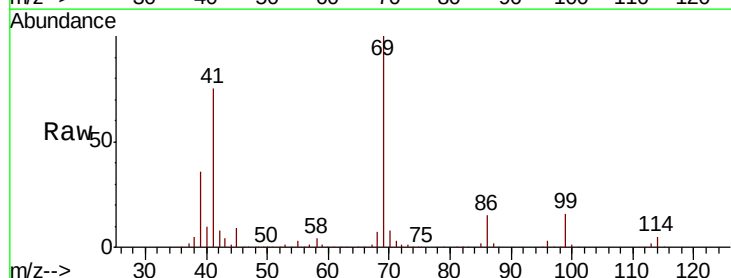
Instrument :
 MSVOA_X
 ClientSampleId :
 SS052MW100-190514MS

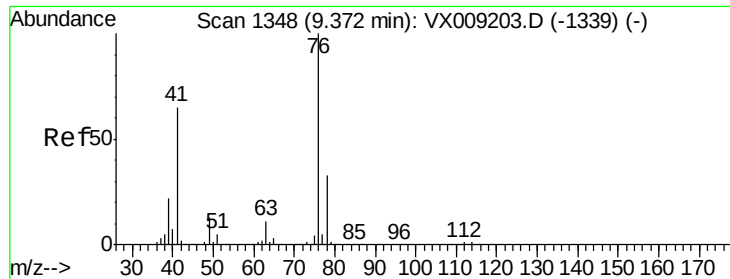
Tot Ion:	97	Resp:	91960
Ion	Ratio	Lower	Upper
97	100		
83	90.7	68.9	103.3
85	57.6	43.8	65.6
99	63.3	48.2	72.2



#56
 Ethyl methacrylate
 Concen: 52.977 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VX009645.D
 Acq: 17 May 2019 06:47

Tgt Ion:	69	Resp:	165292
Ion	Ratio	Lower	Upper
69	100		
41	77.2	60.6	90.8
39	37.7	28.2	42.4





#57

1,3-Dichloropropane

Concen: 52.132 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX009645.D

Acq: 17 May 2019 06:47

Instrument :

MSVOA_X

ClientSampleId :

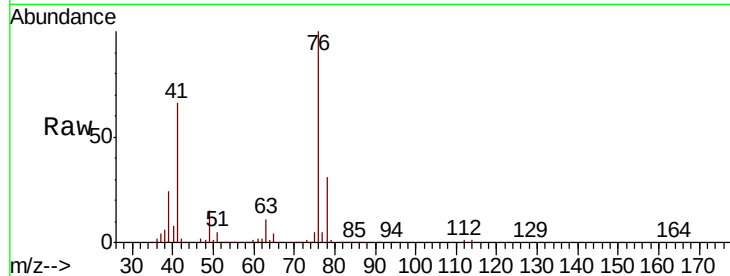
SS052MW100-190514MS

Tot Ion: 76 Resp: 160349

Ion Ratio Lower Upper

76 100

78 32.3 25.5 38.3



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.37

120000

100000

80000

60000

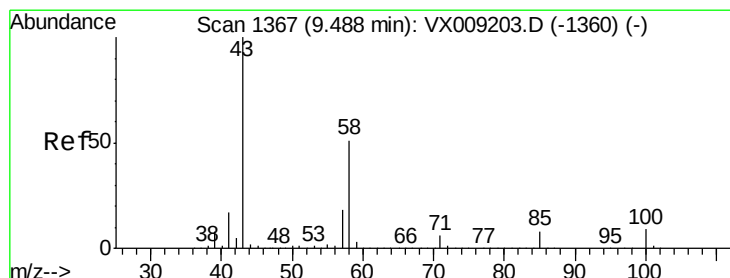
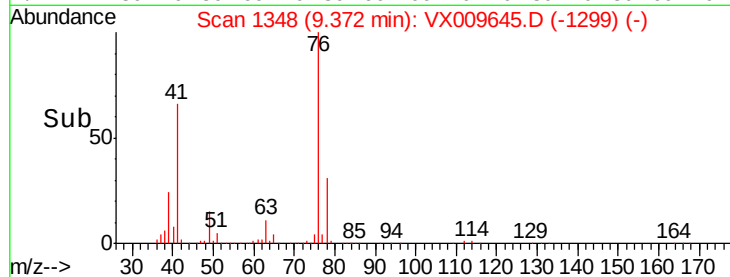
40000

20000

0

9.30 9.40 9.50

Time-->



#59

2-Hexanone

Concen: 269.453 ug/l

RT: 9.49 min Scan# 1367

Delta R.T. -0.00 min

Lab File: VX009645.D

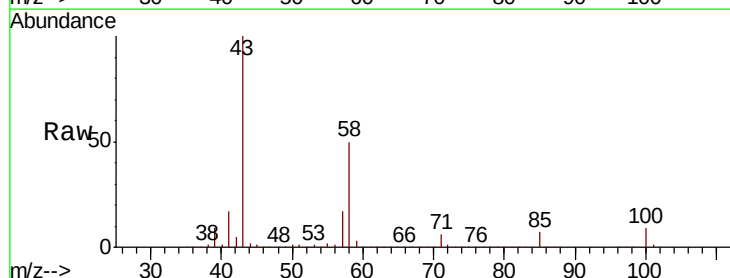
Acq: 17 May 2019 06:47

Tgt Ion: 43 Resp: 702046

Ion Ratio Lower Upper

43 100

58 50.6 25.9 77.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

9.49

600000

500000

400000

300000

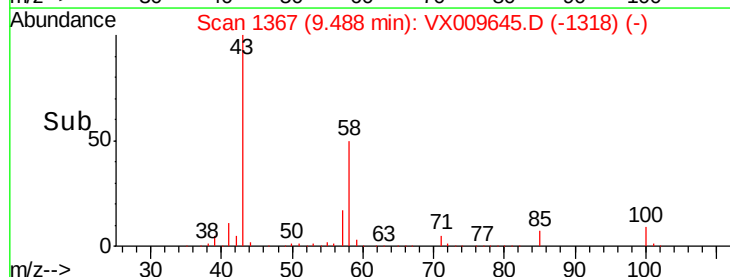
200000

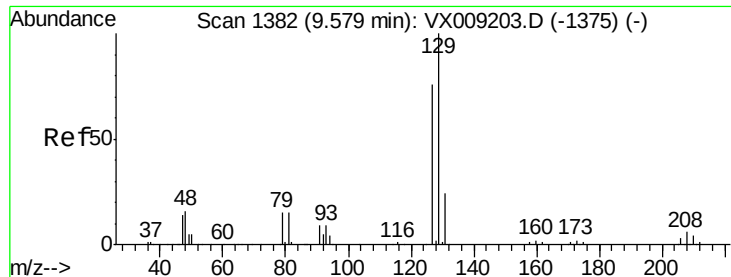
100000

0

9.40 9.50 9.60

Time-->





#60

Dibromochloromethane

Concen: 53.000 ug/l

RT: 9.58 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VX009645.D

Acq: 17 May 2019 06:47

Instrument :

MSVOA_X

ClientSampleId :

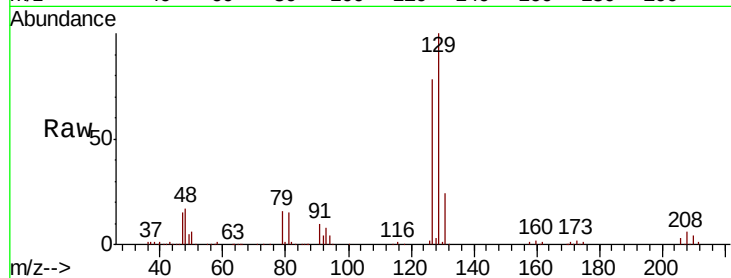
SS052MW100-190514MS

Tot Ion:129 Resp: 90478

Ion Ratio Lower Upper

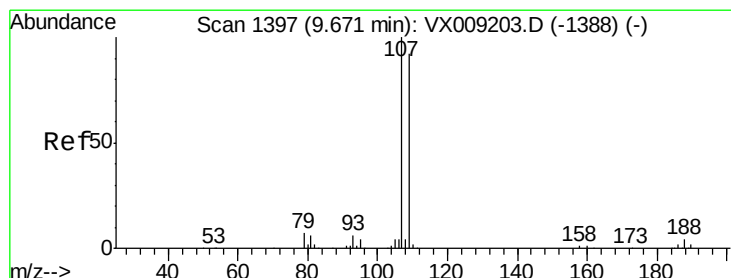
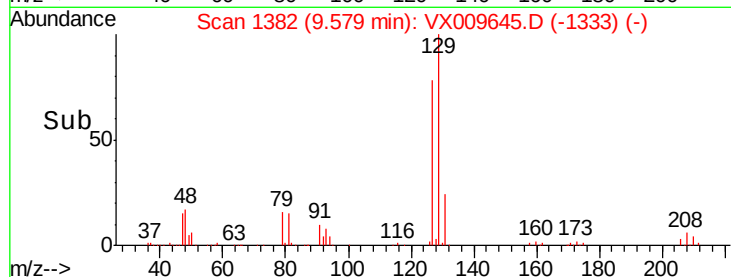
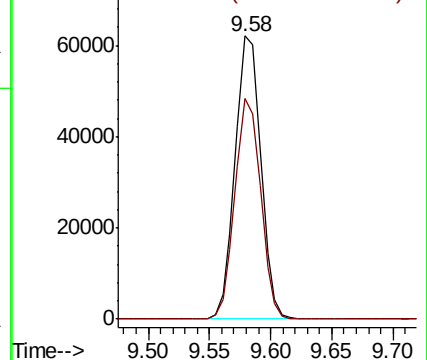
129 100

127 78.1 38.4 115.1



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V



#61

1,2-Dibromoethane

Concen: 52.548 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX009645.D

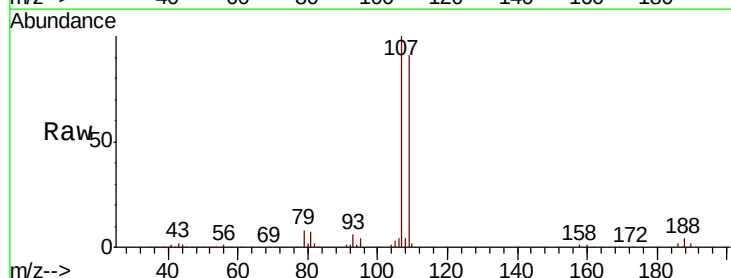
Acq: 17 May 2019 06:47

Tgt Ion:107 Resp: 92713

Ion Ratio Lower Upper

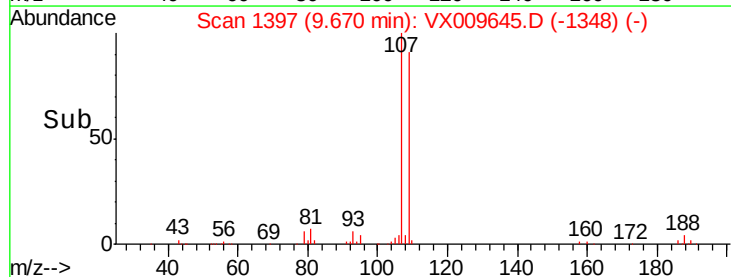
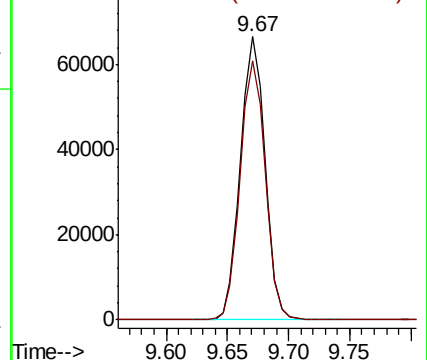
107 100

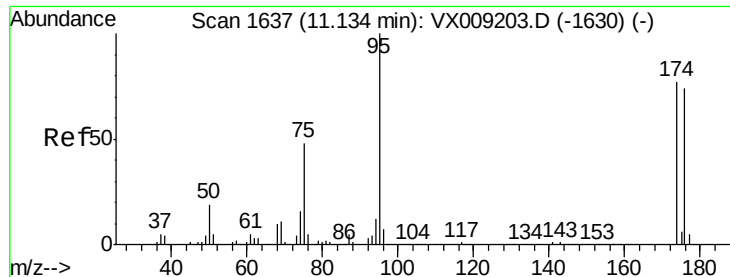
109 93.0 75.2 112.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V





#62

4-Bromofluorobenzene

Concen: 50.886 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX009645.D

Acq: 17 May 2019 06:47

Instrument :

MSVOA_X

ClientSampleId :

SS052MW100-190514MS

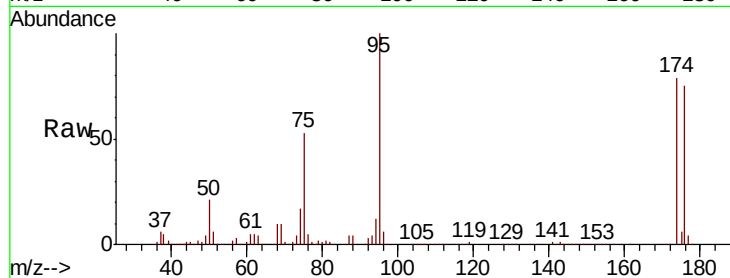
Tot Ion: 95 Resp: 115000

Ion Ratio Lower Upper

95 100

174 81.7 0.0 161.6

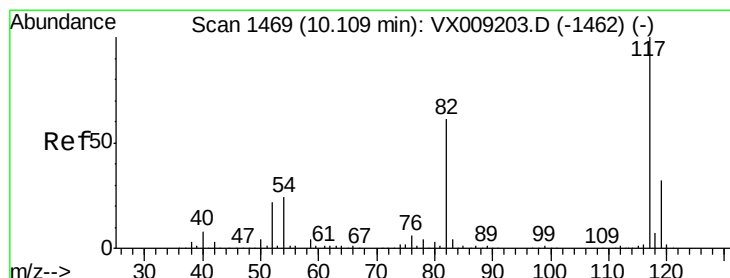
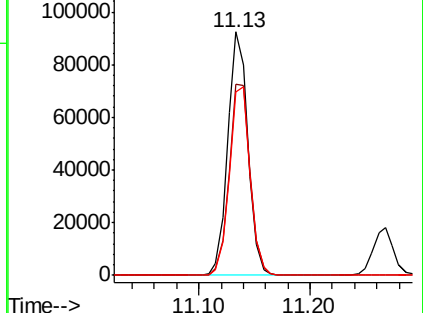
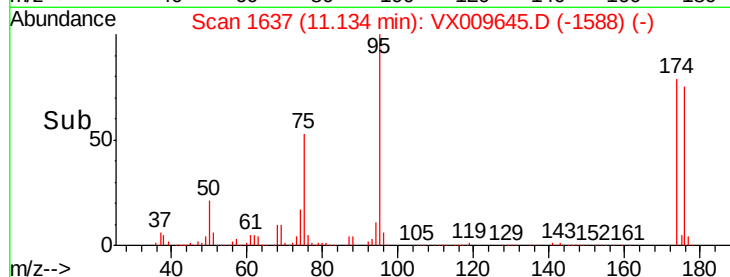
176 79.5 0.0 159.2



Abundance Ion 94.90 (94.60 to 95.60): VX009645.D (-1588) (-)

Ion 173.80 (173.50 to 174.50): VX009645.D (-1588) (-)

Ion 175.80 (175.50 to 176.50): VX009645.D (-1588) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VX009645.D

Acq: 17 May 2019 06:47

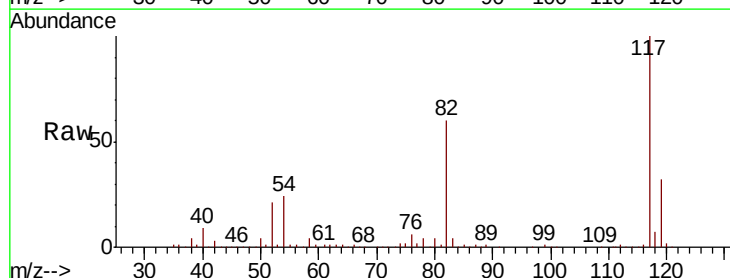
Tgt Ion: 117 Resp: 224708

Ion Ratio Lower Upper

117 100

82 59.6 48.8 73.2

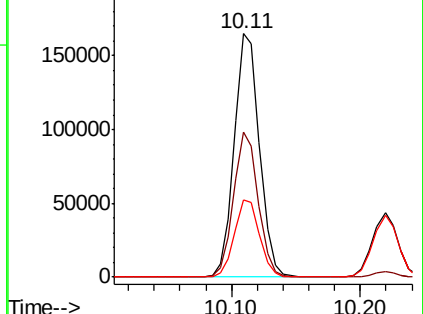
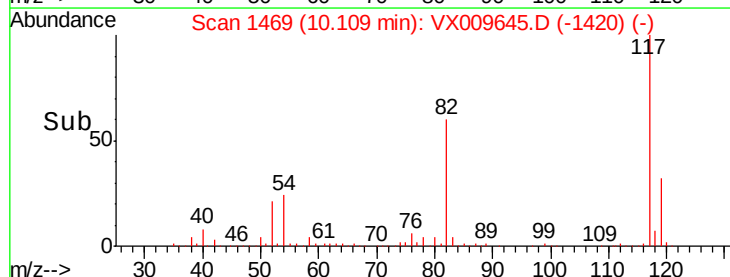
119 31.7 25.8 38.6

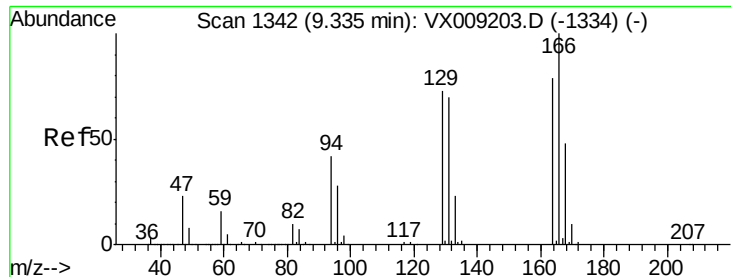


Abundance Ion 116.90 (116.60 to 117.60): VX009645.D (-1420) (-)

Ion 82.00 (81.70 to 82.70): VX009645.D (-1420) (-)

Ion 118.90 (118.60 to 119.60): VX009645.D (-1420) (-)

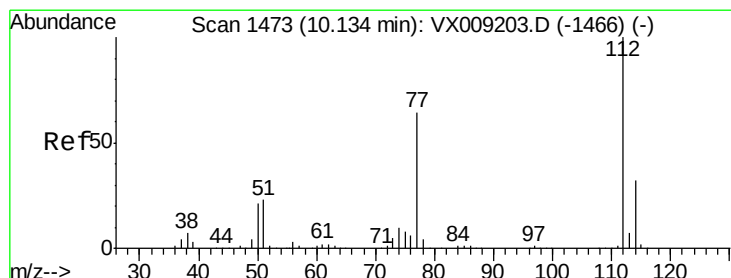
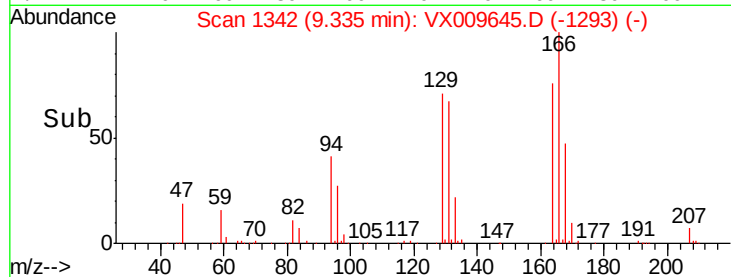
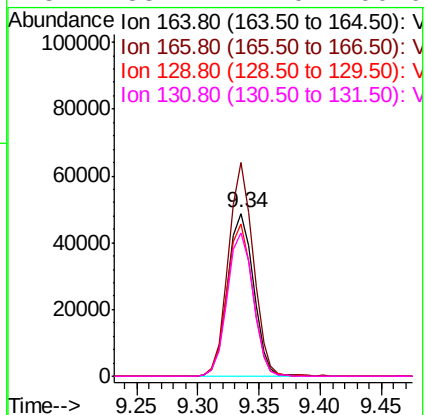
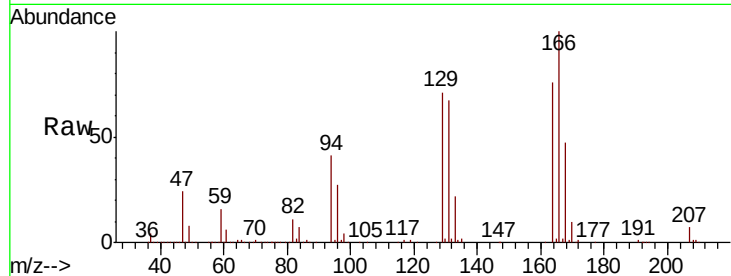




#64
Tetrachloroethene
Concen: 46.354 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX009645.D
Acq: 17 May 2019 06:47

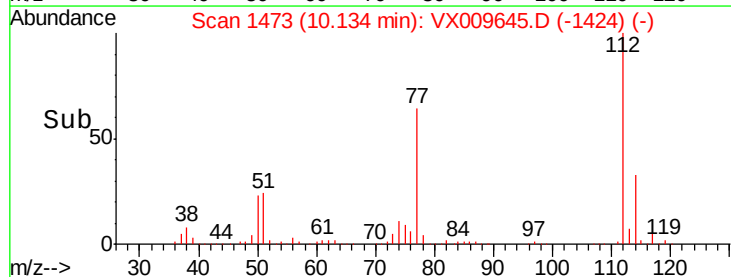
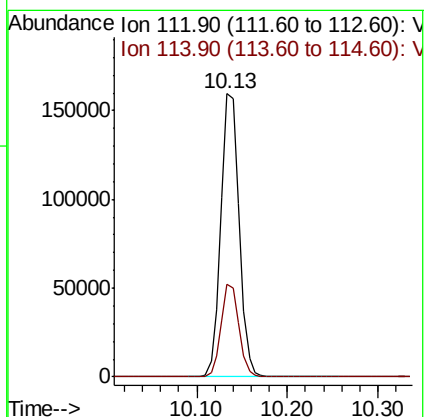
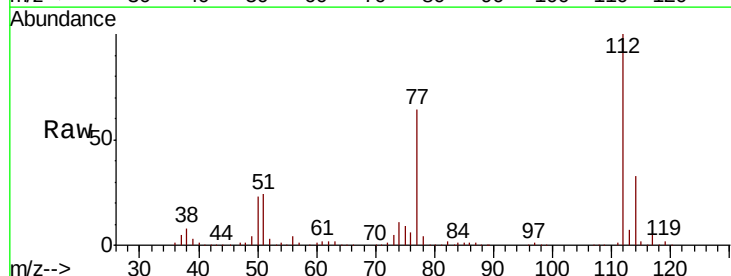
Instrument :
MSVOA_X
ClientSampleId :
SS052MW100-190514MS

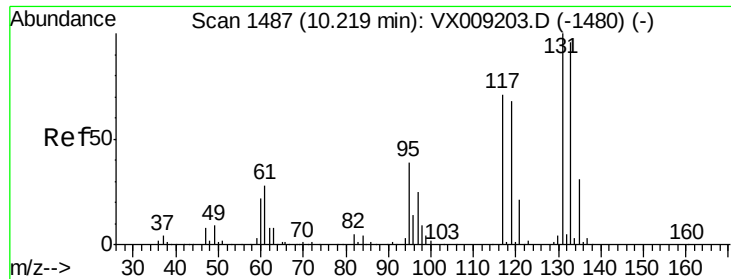
Tot Ion:164 Resp: 71450
Ion Ratio Lower Upper
164 100
166 131.3 101.2 151.8
129 93.5 74.3 111.5
131 88.2 71.0 106.6



#65
Chlorobenzene
Concen: 50.209 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VX009645.D
Acq: 17 May 2019 06:47

Tgt Ion:112 Resp: 225697
Ion Ratio Lower Upper
112 100
114 32.6 25.5 38.3

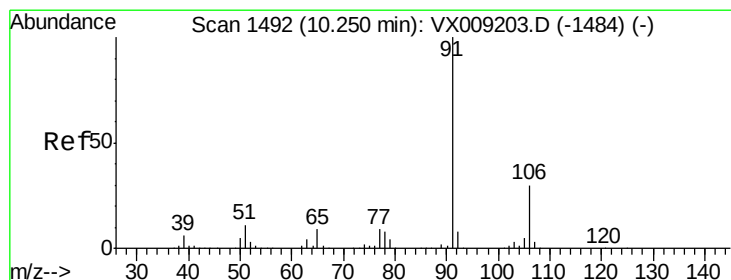
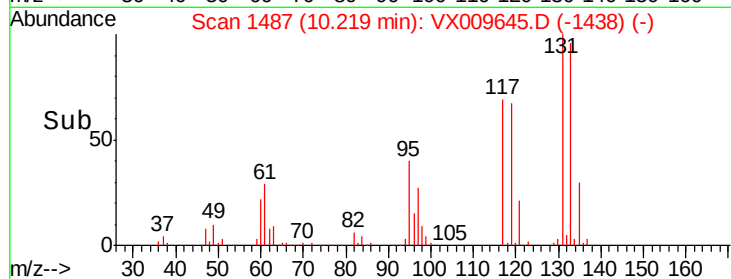
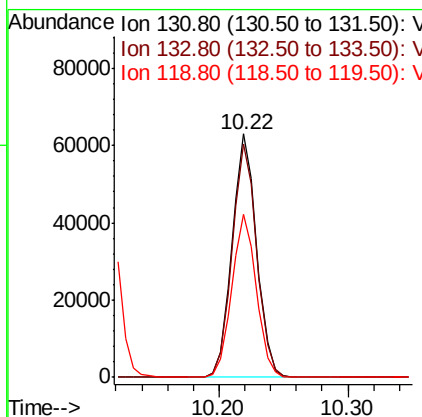
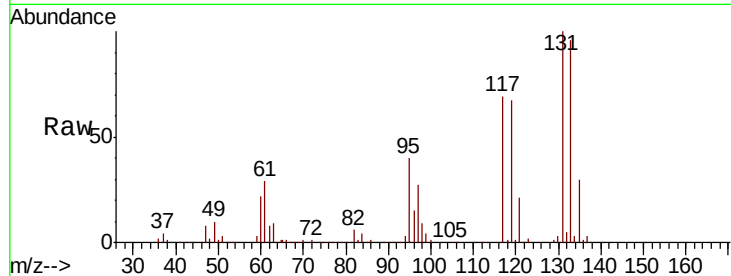




#66
 1,1,1,2-Tetrachloroethane
 Concen: 51.477 ug/l
 RT: 10.22 min Scan# 1487
 Delta R.T. -0.00 min
 Lab File: VX009645.D
 Acq: 17 May 2019 06:47

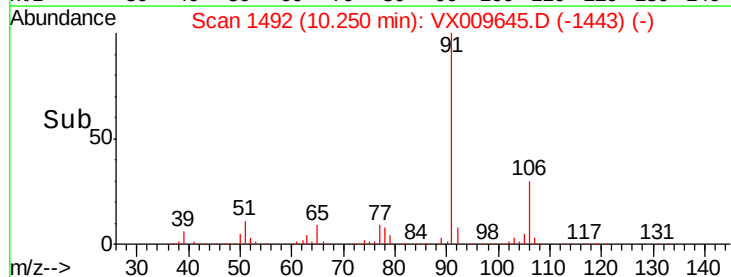
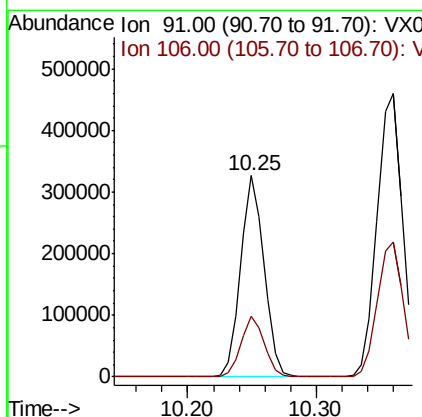
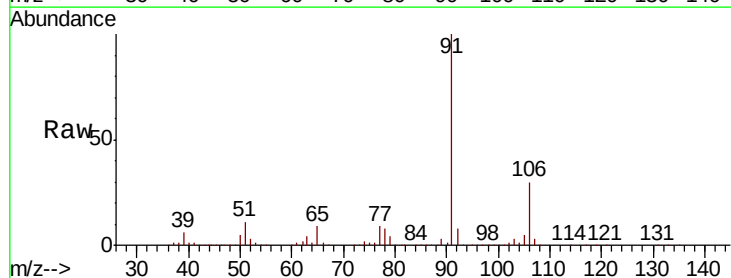
Instrument :
 MSVOA_X
 ClientSampleId :
 SS052MW100-190514MS

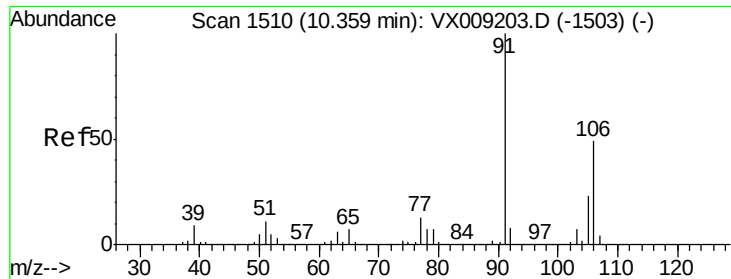
Tot Ion:131 Resp: 83891
 Ion Ratio Lower Upper
 131 100
 133 95.8 47.7 143.1
 119 67.0 33.5 100.4



#67
 Ethyl Benzene
 Concen: 49.627 ug/l
 RT: 10.25 min Scan# 1492
 Delta R.T. -0.00 min
 Lab File: VX009645.D
 Acq: 17 May 2019 06:47

Tgt Ion: 91 Resp: 410553
 Ion Ratio Lower Upper
 91 100
 106 30.4 24.0 36.0





#68

m/p-Xylenes

Concen: 99.891 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX009645.D

Acq: 17 May 2019 06:47

Instrument :

MSVOA_X

ClientSampleId :

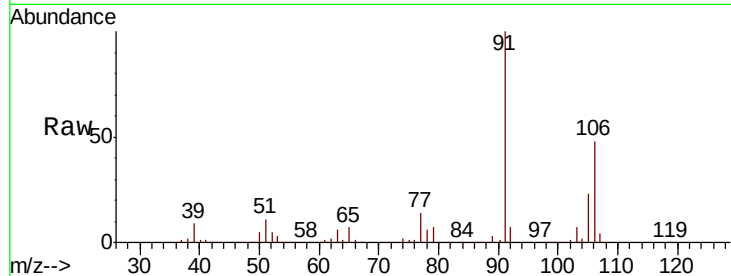
SS052MW100-190514MS

Tot Ion:106 Resp: 301986

Ion Ratio Lower Upper

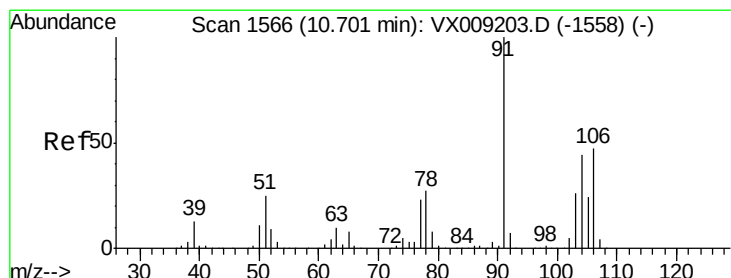
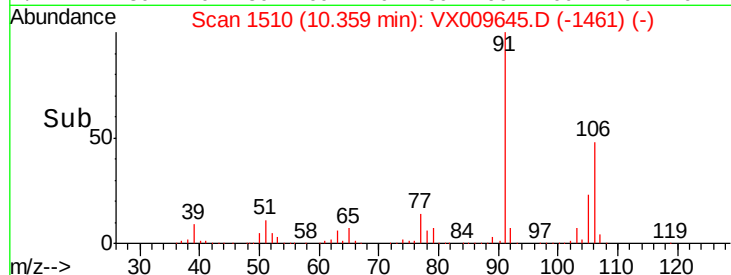
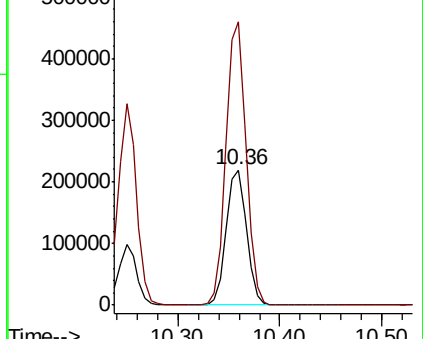
106 100

91 206.9 164.0 246.0



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#69

o-Xylene

Concen: 50.361 ug/l

RT: 10.69 min Scan# 1565

Delta R.T. -0.01 min

Lab File: VX009645.D

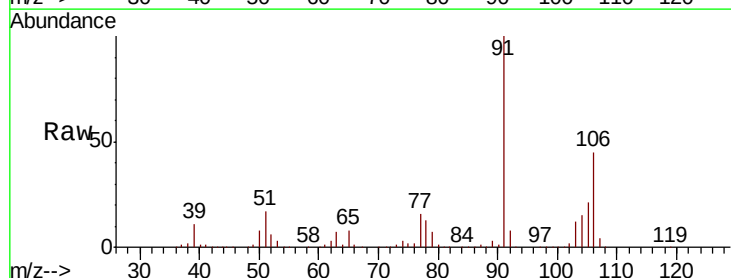
Acq: 17 May 2019 06:47

Tgt Ion:106 Resp: 150217

Ion Ratio Lower Upper

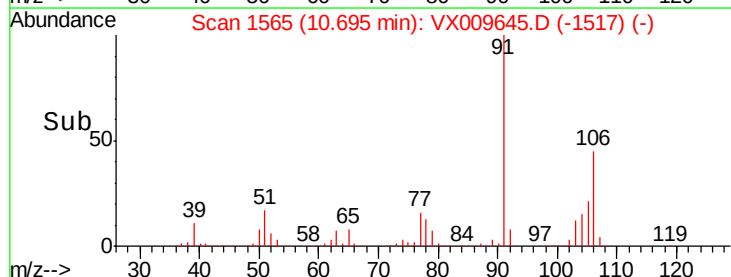
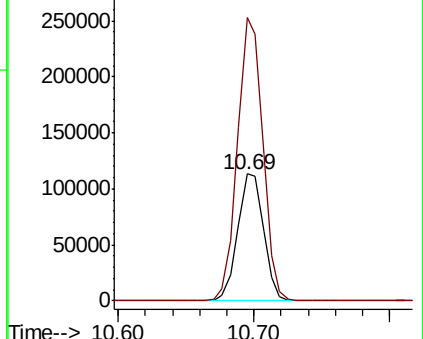
106 100

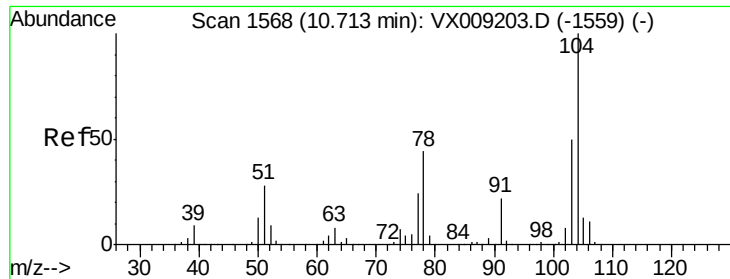
91 218.2 109.5 328.4



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0





#70

Stvrene

Concen: 51.283 ug/l

RT: 10.71 min Scan# 1568

Delta R.T. -0.00 min

Lab File: VX009645.D

Acq: 17 May 2019 06:47

Instrument :

MSVOA_X

ClientSampleId :

SS052MW100-190514MS

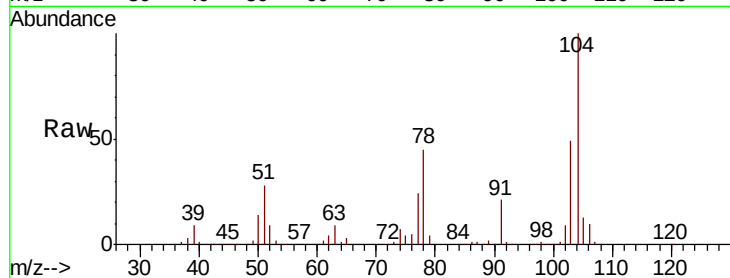
Tot Ion:104 Resp: 265868

Ion Ratio Lower Upper

104 100

78 52.1 41.0 61.4

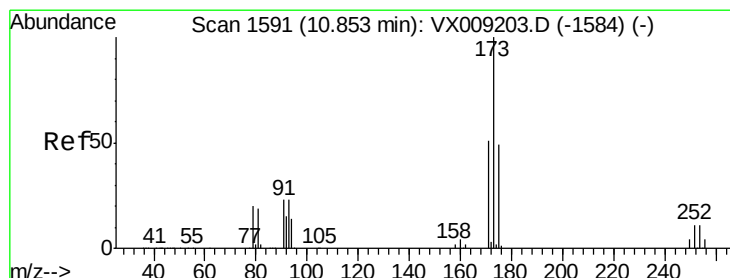
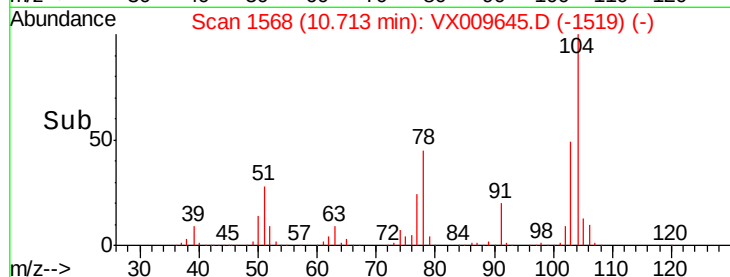
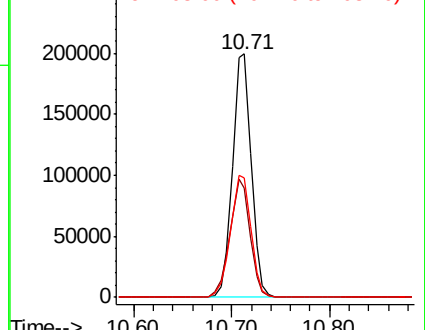
103 54.9 43.8 65.6



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VX0

Ion 103.00 (102.70 to 103.70): V



#71

Bromoform

Concen: 52.055 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. -0.00 min

Lab File: VX009645.D

Acq: 17 May 2019 06:47

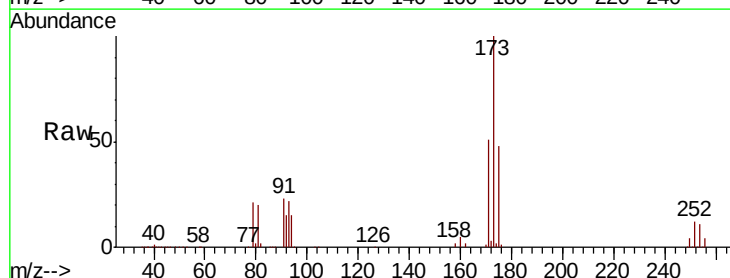
Tgt Ion:173 Resp: 68940

Ion Ratio Lower Upper

173 100

175 48.8 24.5 73.5

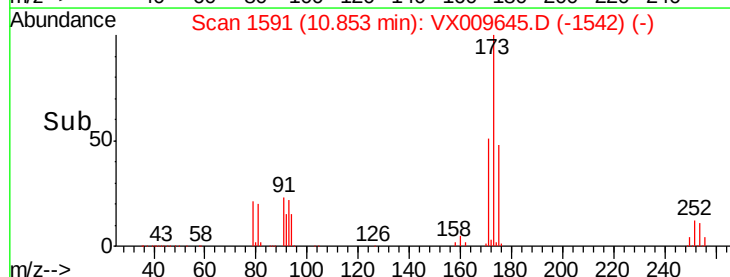
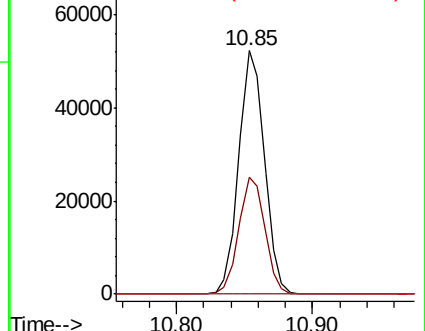
254 0.2 0.1 0.1#

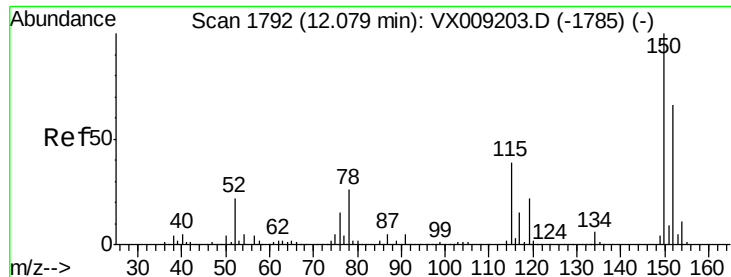


Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX009645.D

Acq: 17 May 2019 06:47

Instrument :

MSVOA_X

ClientSampleId :

SS052MW100-190514MS

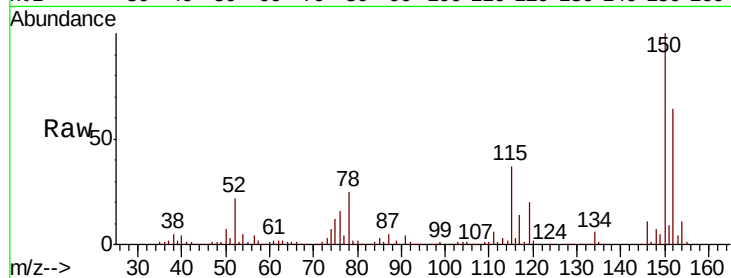
Tot Ion:152 Resp: 111611

Ion Ratio Lower Upper

152 100

115 80.2 41.2 123.6

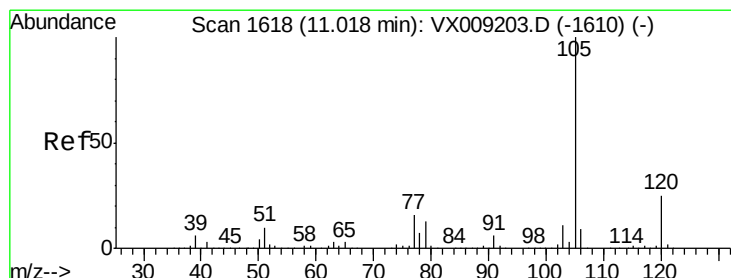
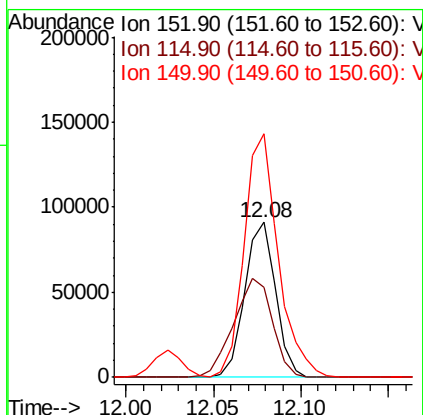
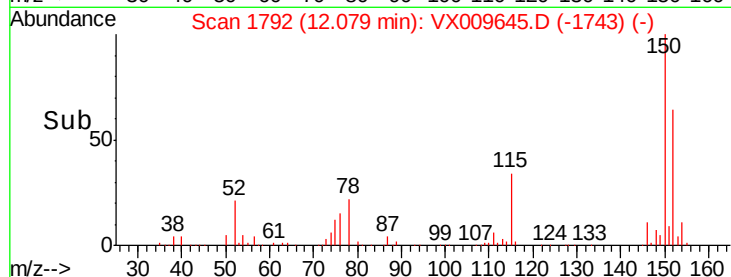
150 174.1 0.0 346.4



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene

Concen: 48.244 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX009645.D

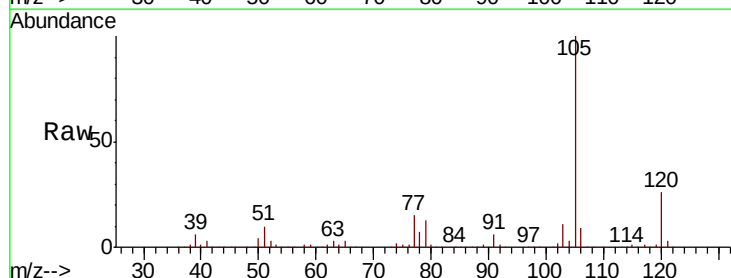
Acq: 17 May 2019 06:47

Tgt Ion:105 Resp: 391558

Ion Ratio Lower Upper

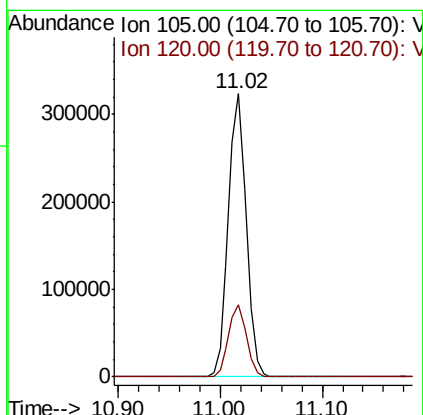
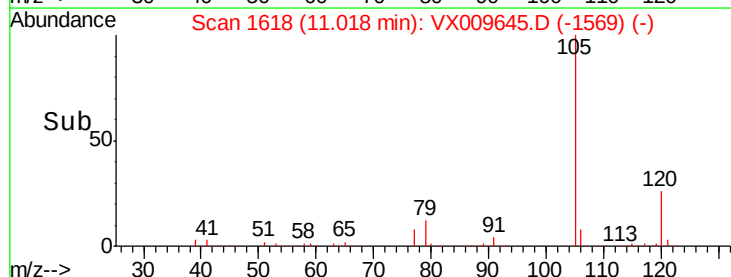
105 100

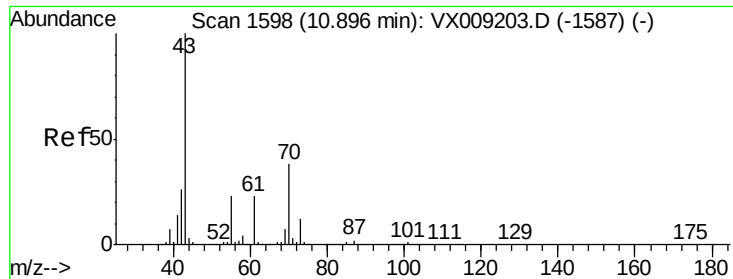
120 25.7 12.8 38.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 46.887 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX009645.D

Acq: 17 May 2019 06:47

Instrument :

MSVOA_X

ClientSampleId :

SS052MW100-190514MS

Tot Ion: 43 Resp: 221863

Ion	Ratio	Lower	Upper
43	100		
70	36.7	30.0	45.0
55	23.0	17.9	26.9
61	22.0	18.4	27.6

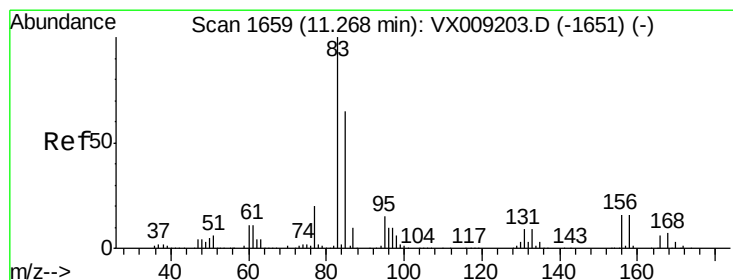
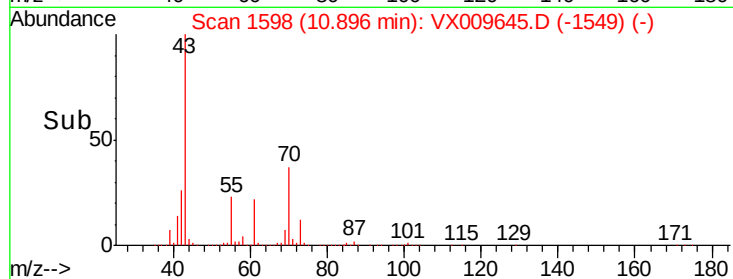
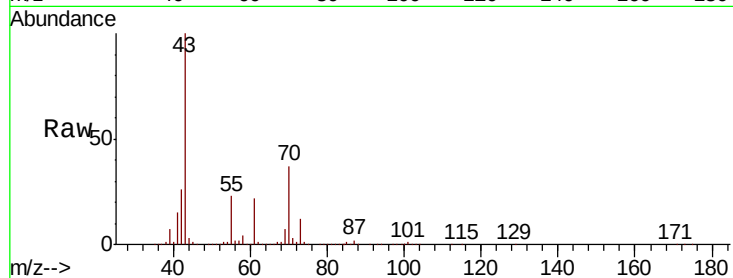
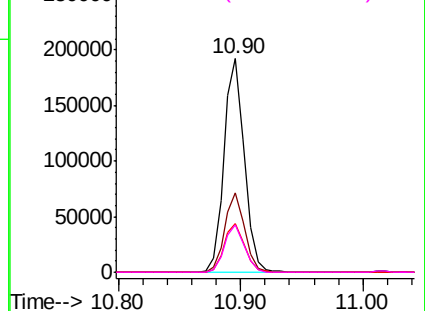
Abundance

Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0



#75

1,1,2,2-Tetrachloroethane

Concen: 51.709 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX009645.D

Acq: 17 May 2019 06:47

Tgt Ion: 83 Resp: 156450

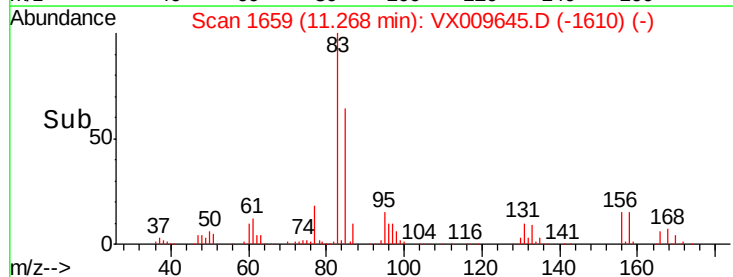
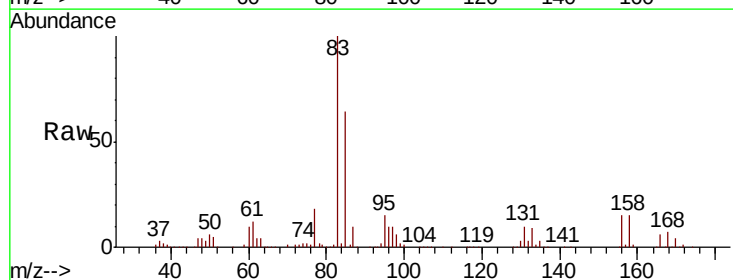
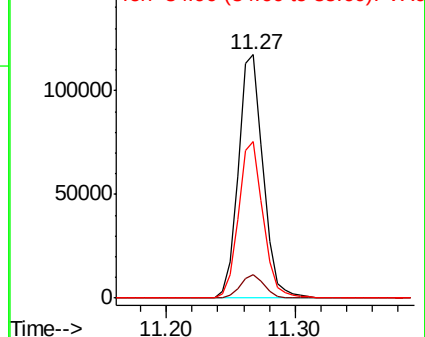
Ion	Ratio	Lower	Upper
83	100		
131	9.4	4.6	13.8
85	64.0	32.0	96.2

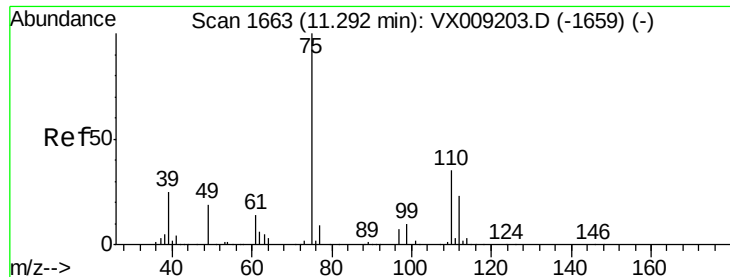
Abundance

Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0





#76

1,2,3-Trichloropropane

Concen: 65.937 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. -0.00 min

Lab File: VX009645.D

Acq: 17 May 2019 06:47

Instrument :

MSVOA_X

ClientSampleId :

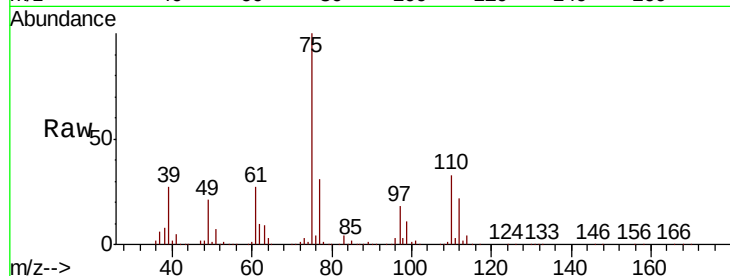
SS052MW100-190514MS

Tot Ion: 75 Resp: 170708

Ion Ratio Lower Upper

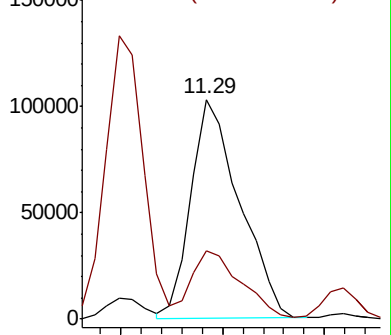
75 100

77 32.2 22.1 66.1

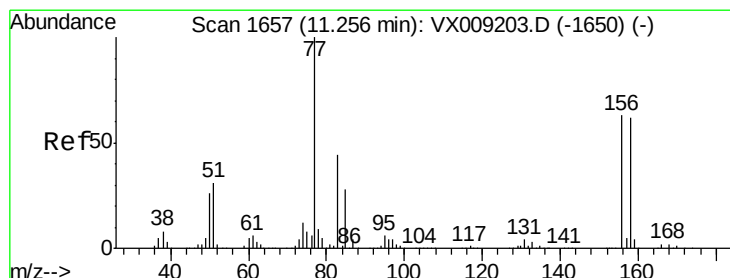
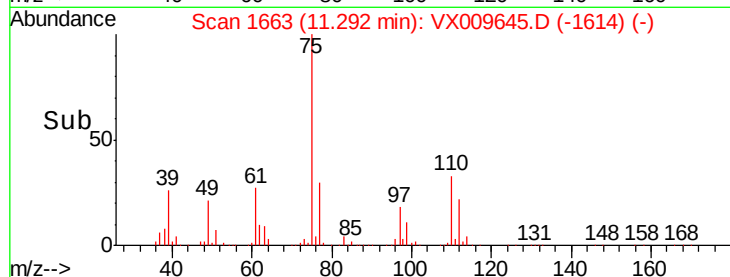


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0



Time-->



#77

Bromobenzene

Concen: 49.568 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX009645.D

Acq: 17 May 2019 06:47

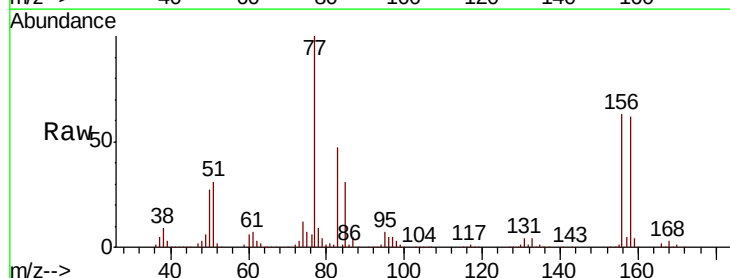
Tgt Ion: 156 Resp: 99853

Ion Ratio Lower Upper

156 100

77 171.4 84.8 254.3

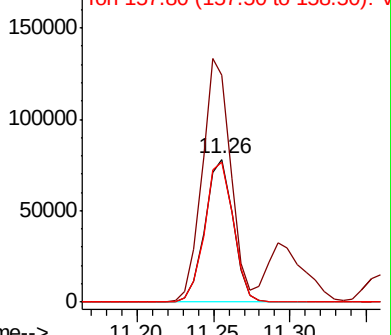
158 99.4 49.1 147.3



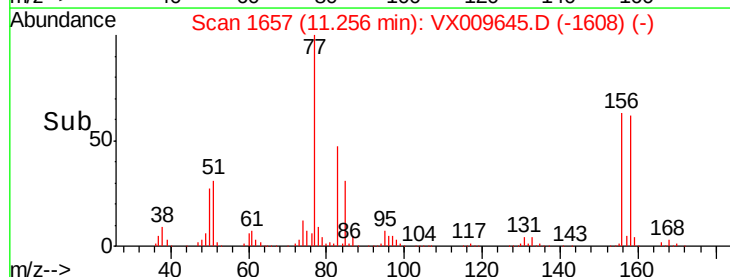
Abundance Ion 155.80 (155.50 to 156.50): V

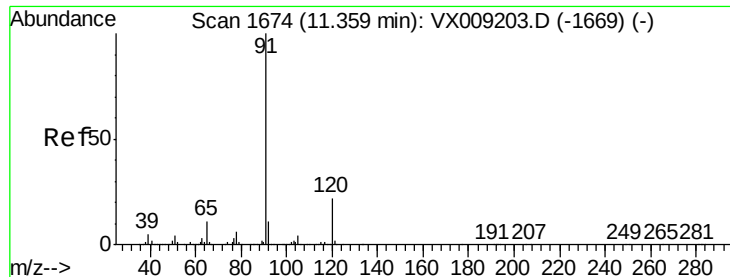
Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



Time-->





#78

n-propylbenzene

Concen: 48.235 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX009645.D

Acq: 17 May 2019 06:47

Instrument :

MSVOA_X

ClientSampleId :

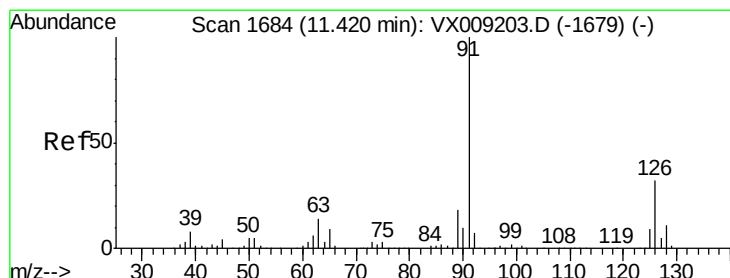
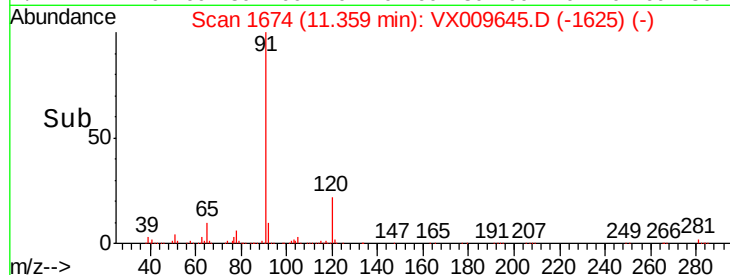
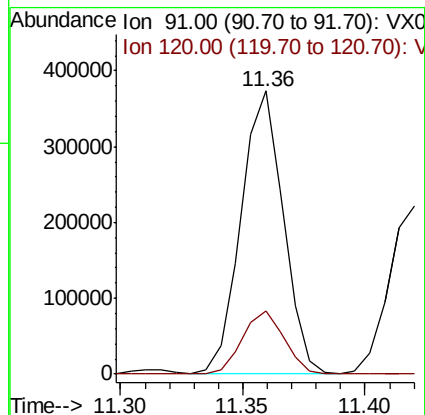
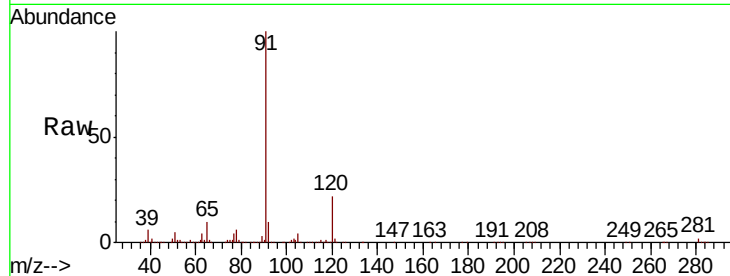
SS052MW100-190514MS

Tot Ion: 91 Resp: 447094

Ion Ratio Lower Upper

91 100

120 22.2 11.0 33.0



#79

2-Chlorotoluene

Concen: 48.069 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX009645.D

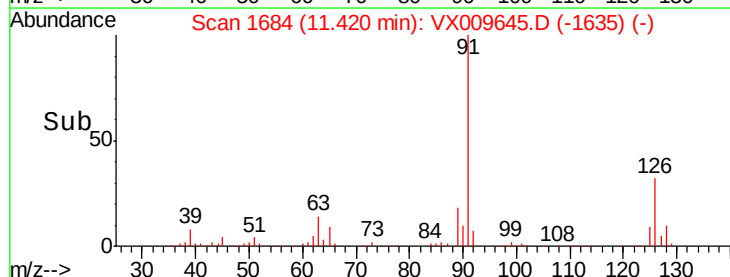
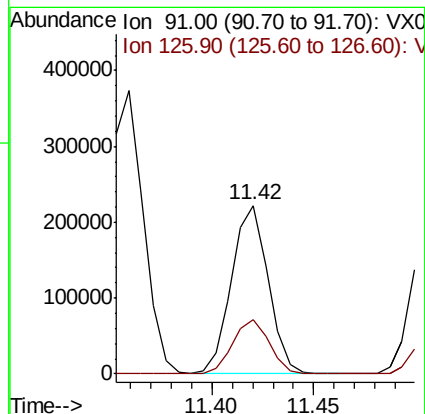
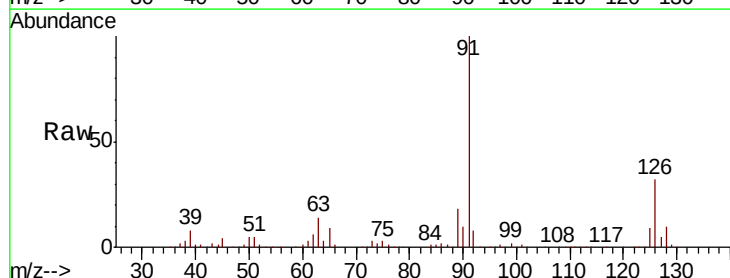
Acq: 17 May 2019 06:47

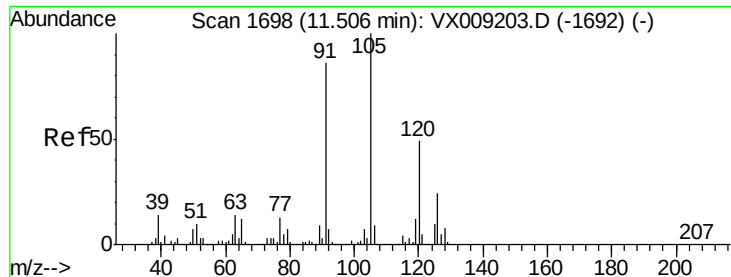
Tgt Ion: 91 Resp: 274887

Ion Ratio Lower Upper

91 100

126 32.4 16.3 48.9

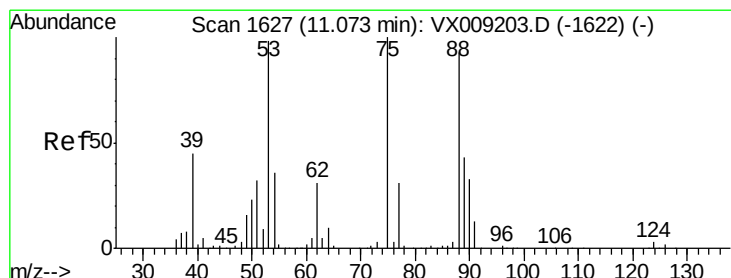
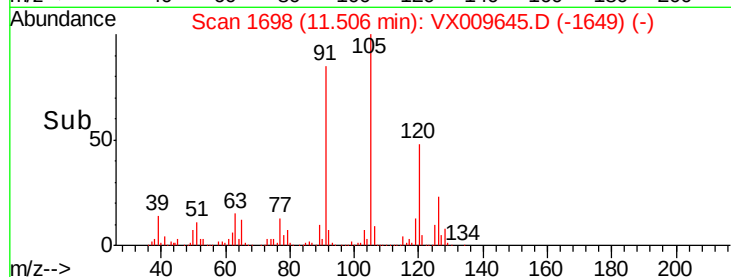
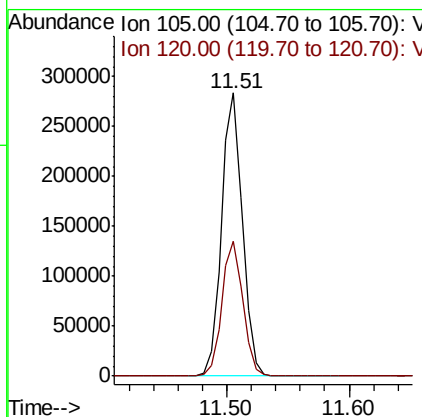
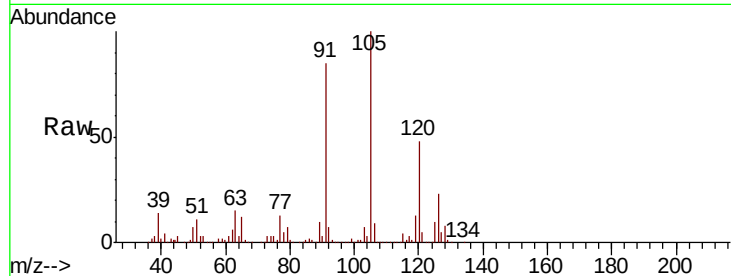




#80
 1,3,5-Trimethylbenzene
 Concen: 48.775 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX009645.D
 Acq: 17 May 2019 06:47

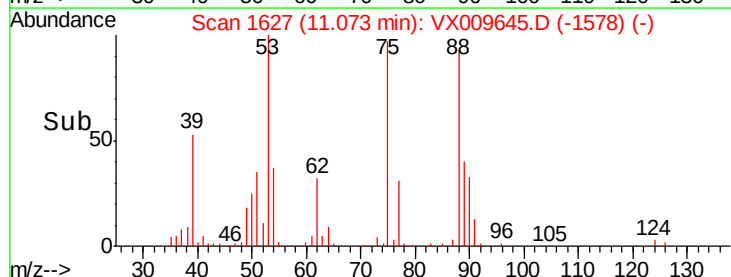
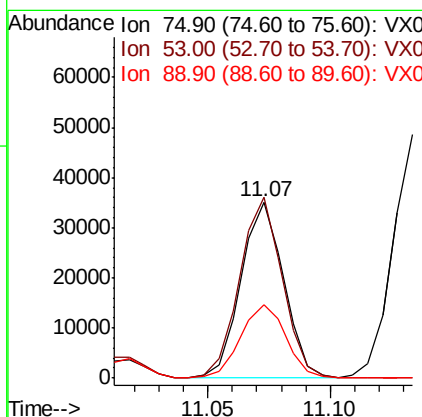
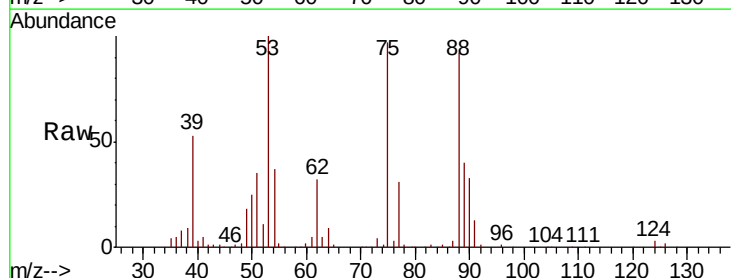
Instrument :
 MSVOA_X
 ClientSampleId :
 SS052MW100-190514MS

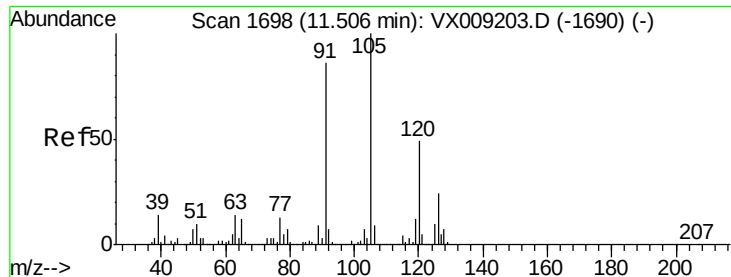
Tot Ion:105 Resp: 333321
 Ion Ratio Lower Upper
 105 100
 120 48.0 24.3 72.9



#81
 trans-1,4-Dichloro-2-butene
 Concen: 42.031 ug/l
 RT: 11.07 min Scan# 1627
 Delta R.T. -0.00 min
 Lab File: VX009645.D
 Acq: 17 May 2019 06:47

Tgt Ion: 75 Resp: 42529
 Ion Ratio Lower Upper
 75 100
 53 103.0 79.0 118.6
 89 44.1 34.7 52.1





#82

4-Chlorotoluene

Concen: 48.503 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX009645.D

Acq: 17 May 2019 06:47

Instrument :

MSVOA_X

ClientSampleId :

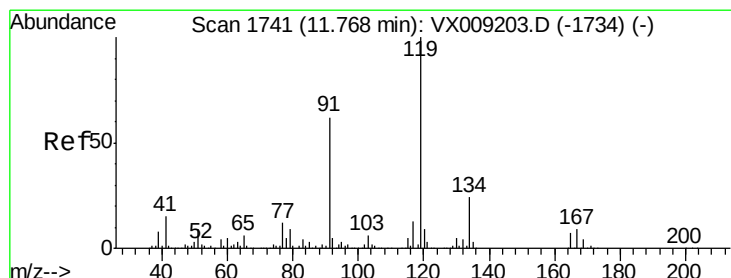
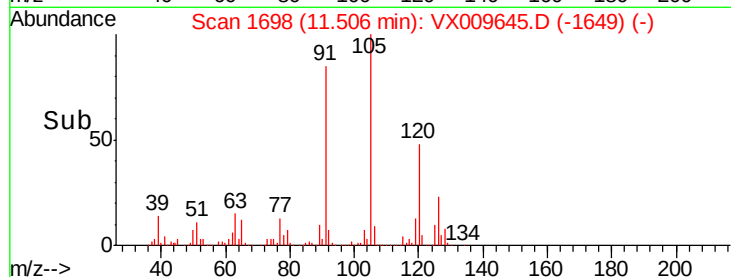
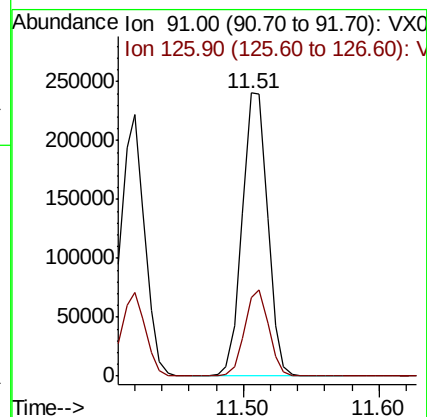
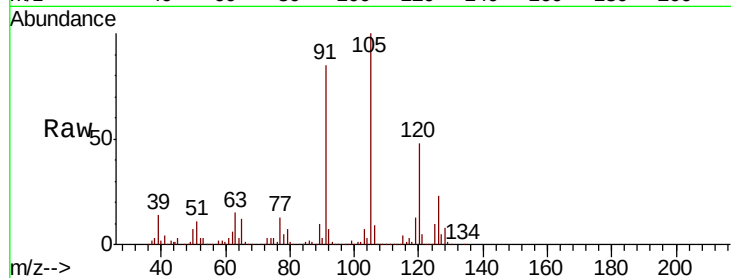
SS052MW100-190514MS

Tot Ion: 91 Resp: 313344

Ion Ratio Lower Upper

91 100

126 29.2 14.5 43.6



#83

tert-Butylbenzene

Concen: 48.514 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX009645.D

Acq: 17 May 2019 06:47

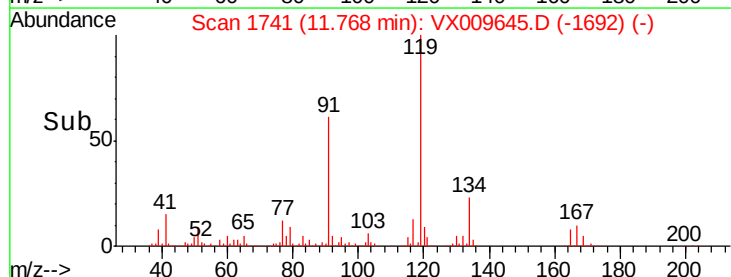
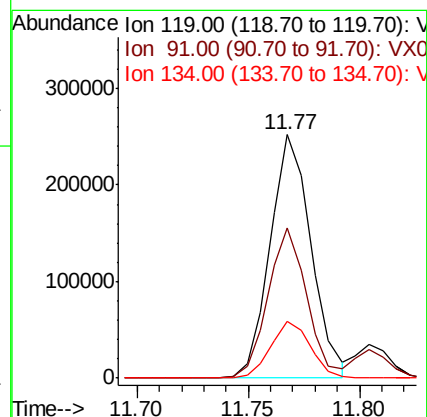
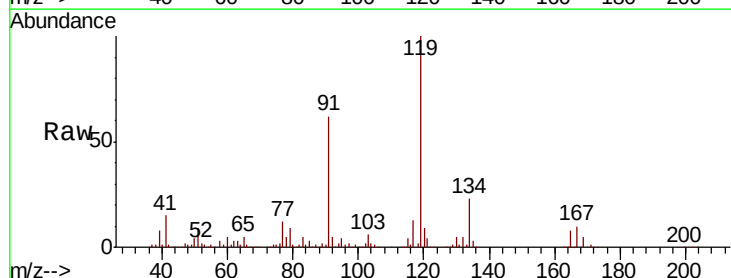
Tgt Ion: 119 Resp: 322521

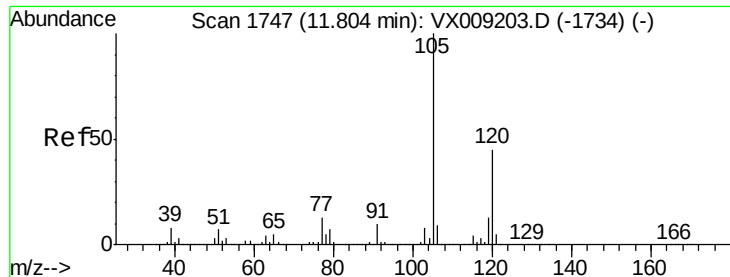
Ion Ratio Lower Upper

119 100

91 58.4 29.5 88.5

134 22.5 11.4 34.1

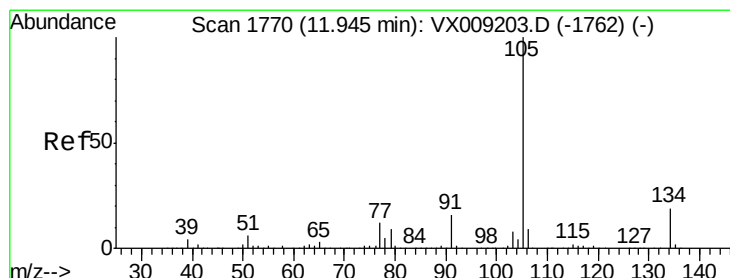
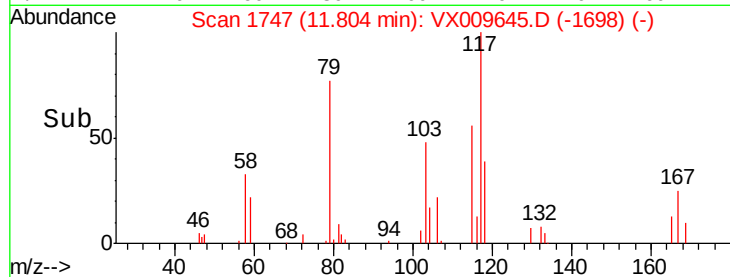
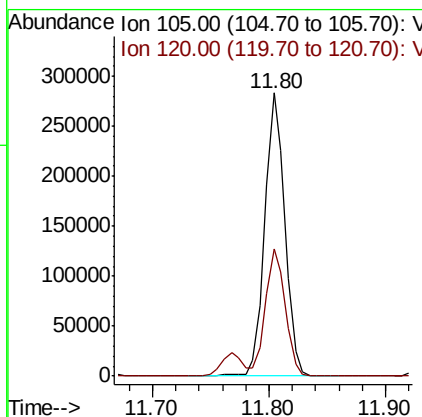
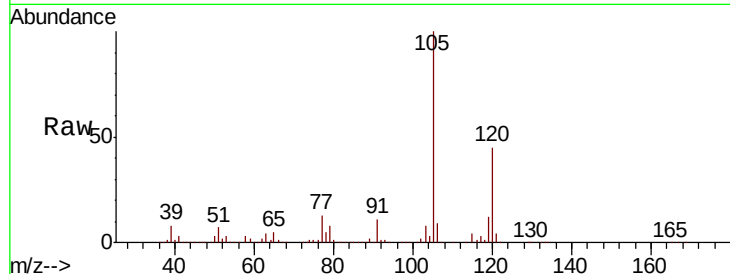




#84
 1,2,4-Trimethylbenzene
 Concen: 49.216 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: VX009645.D
 Acq: 17 May 2019 06:47

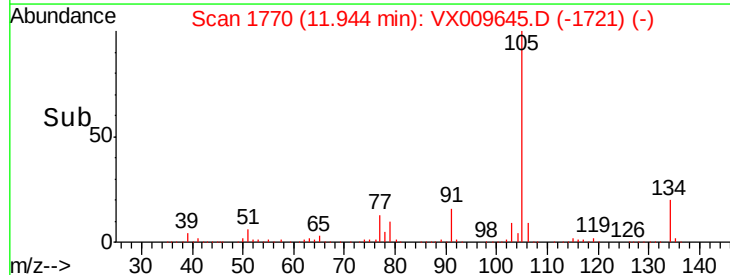
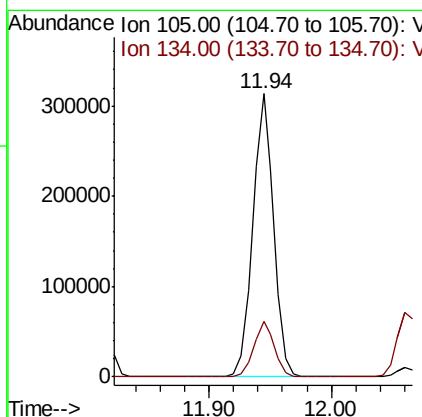
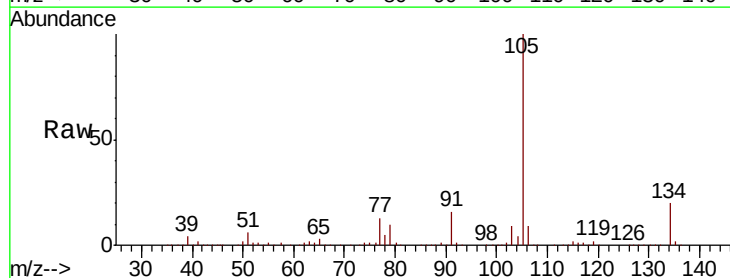
Instrument :
 MSVOA_X
 ClientSampleId :
 SS052MW100-190514MS

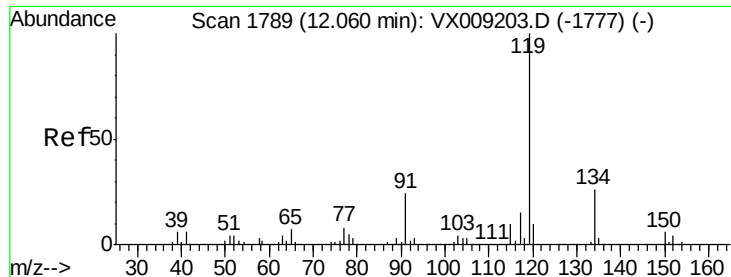
Tot Ion:105 Resp: 337593
 Ion Ratio Lower Upper
 105 100
 120 43.9 22.0 66.0



#85
 sec-Butylbenzene
 Concen: 47.096 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. -0.00 min
 Lab File: VX009645.D
 Acq: 17 May 2019 06:47

Tgt Ion:105 Resp: 371194
 Ion Ratio Lower Upper
 105 100
 134 19.5 9.7 28.9





#86

p-Isopropyltoluene

Concen: 47.523 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX009645.D

Acq: 17 May 2019 06:47

Instrument :

MSVOA_X

ClientSampleId :

SS052MW100-190514MS

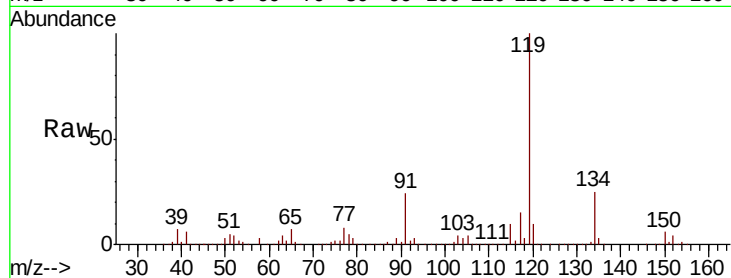
Tot Ion:119 Resp: 336725

Ion Ratio Lower Upper

119 100

134 25.7 12.9 38.7

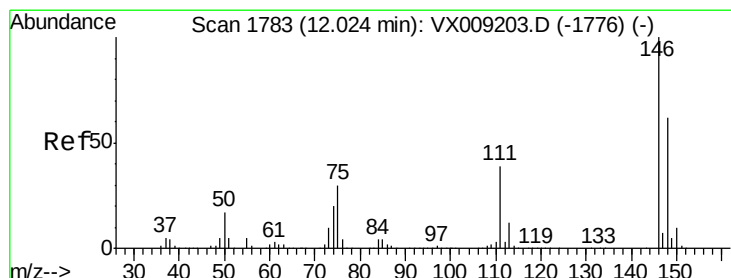
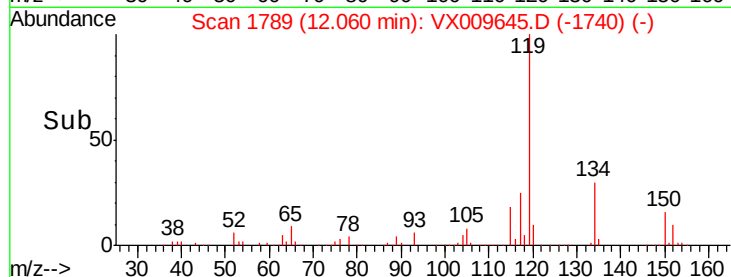
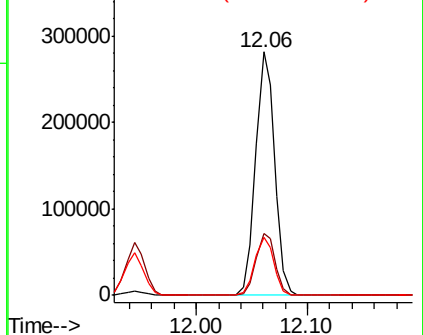
91 23.9 11.8 35.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V



#87

1,3-Dichlorobenzene

Concen: 49.507 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VX009645.D

Acq: 17 May 2019 06:47

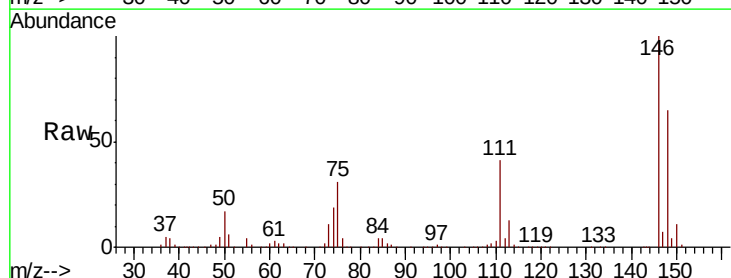
Tgt Ion:146 Resp: 177790

Ion Ratio Lower Upper

146 100

111 40.6 20.0 59.9

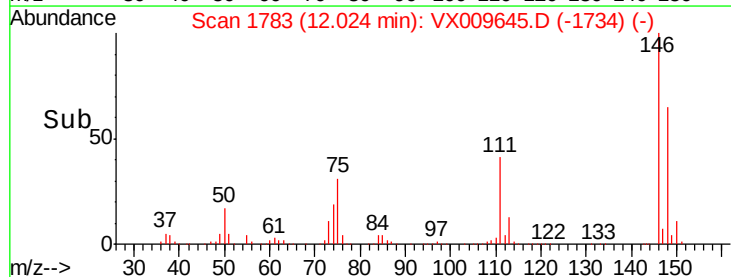
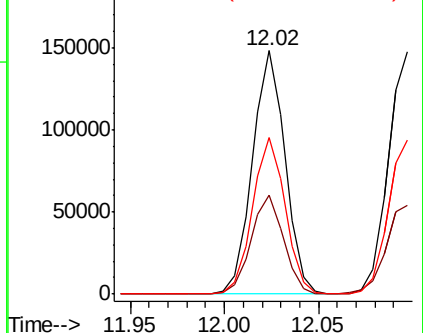
148 64.5 31.8 95.3

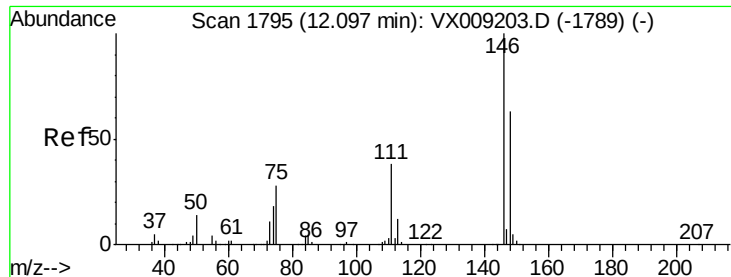


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

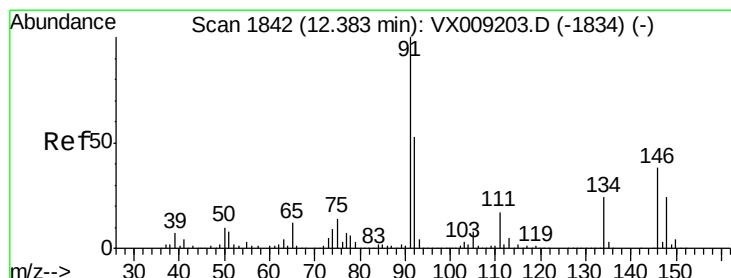
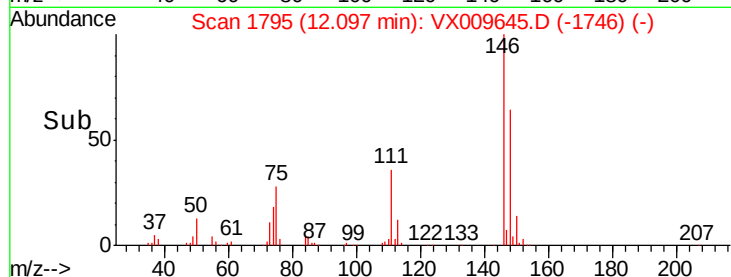
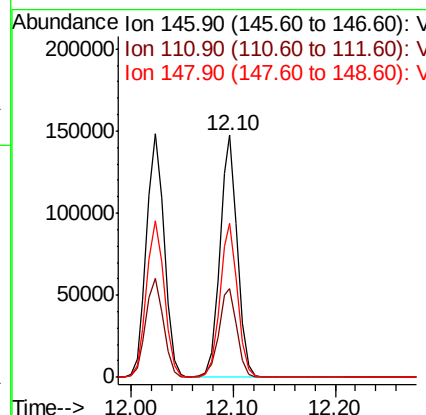
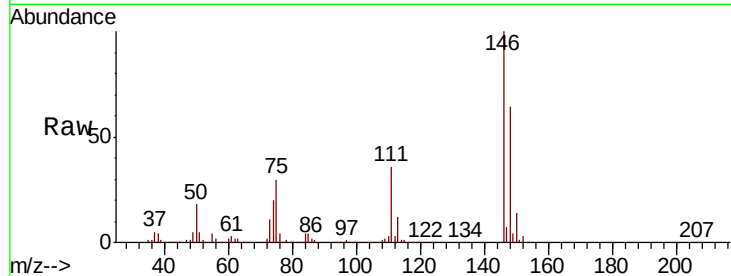




#88
 1,4-Dichlorobenzene
 Concen: 48.980 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX009645.D
 Acq: 17 May 2019 06:47

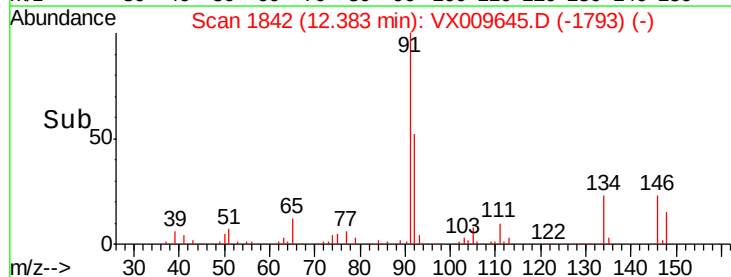
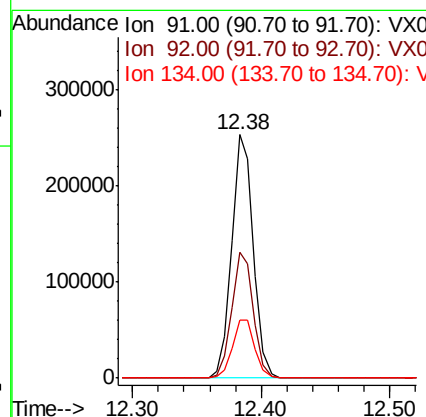
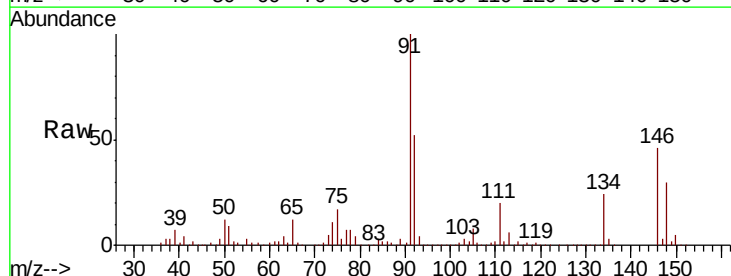
Instrument :
 MSVOA_X
 ClientSampleId :
 SS052MW100-190514MS

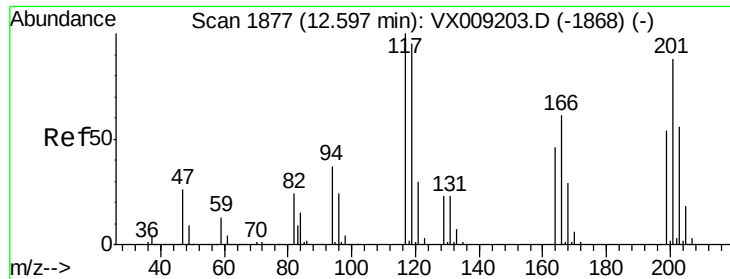
Tot Ion:146 Resp: 177336
 Ion Ratio Lower Upper
 146 100
 111 38.5 19.6 58.8
 148 64.2 31.8 95.3



#89
 n-Butylbenzene
 Concen: 46.479 ug/l
 RT: 12.38 min Scan# 1842
 Delta R.T. -0.00 min
 Lab File: VX009645.D
 Acq: 17 May 2019 06:47

Tgt Ion: 91 Resp: 297663
 Ion Ratio Lower Upper
 91 100
 92 52.1 26.5 79.5
 134 24.6 12.4 37.2





#90

Hexachloroethane

Concen: 48.929 ug/l

RT: 12.60 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VX009645.D

Acq: 17 May 2019 06:47

Instrument :

MSVOA_X

ClientSampleId :

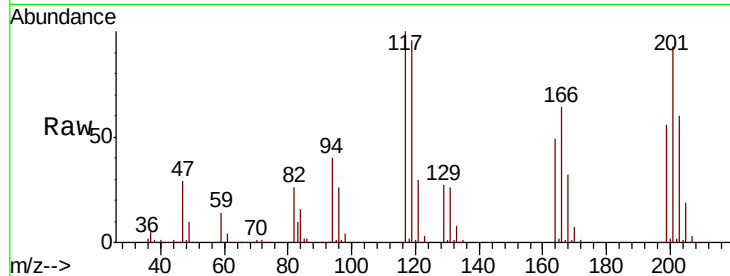
SS052MW100-190514MS

Tot Ion:117 Resp: 59064

Ion Ratio Lower Upper

117 100

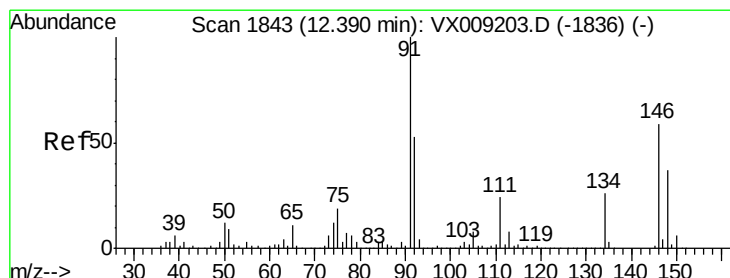
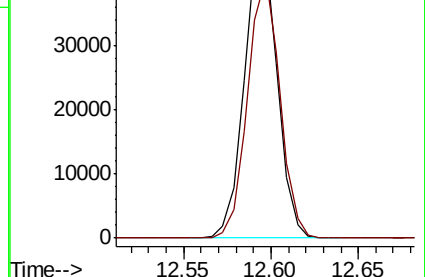
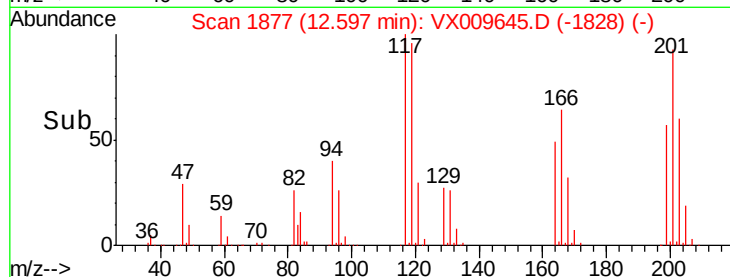
201 87.6 42.3 126.9



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

12.60



#91

1,2-Dichlorobenzene

Concen: 50.237 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX009645.D

Acq: 17 May 2019 06:47

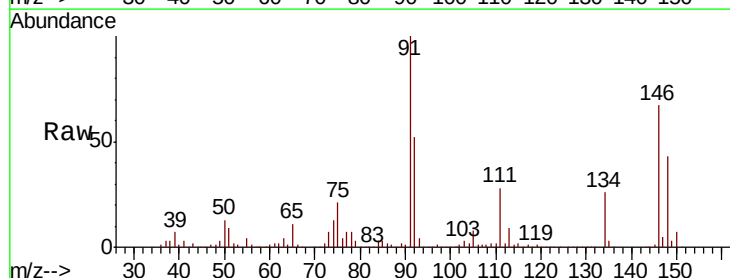
Tgt Ion:146 Resp: 183755

Ion Ratio Lower Upper

146 100

111 41.7 20.8 62.4

148 64.5 31.9 95.9

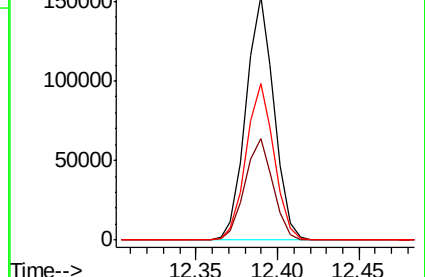
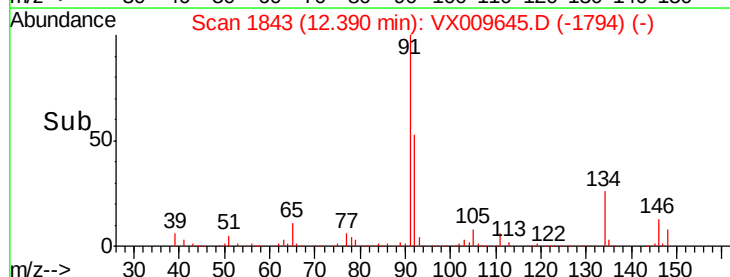


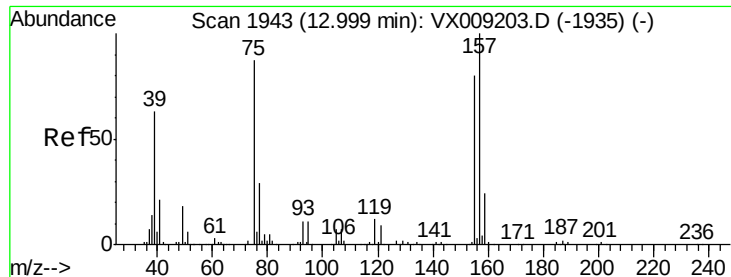
Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

12.39





#92

1,2-Dibromo-3-Chloropropane

Concen: 51.887 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VX009645.D

Acq: 17 May 2019 06:47

Instrument :

MSVOA_X

ClientSampleId :

SS052MW100-190514MS

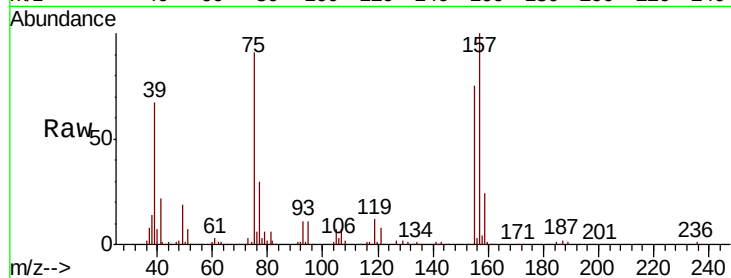
Tot Ion: 75 Resp: 35217

Ion Ratio Lower Upper

75 100

155 82.7 42.0 126.0

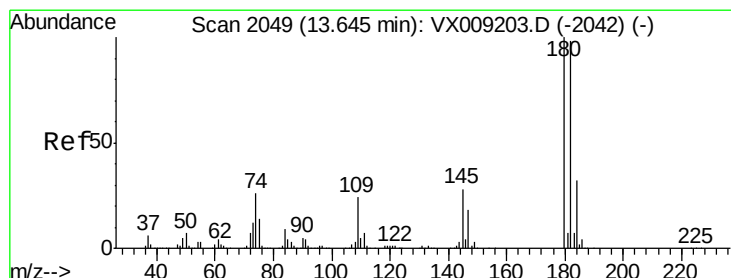
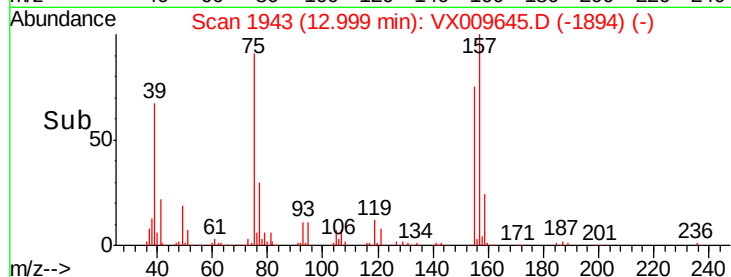
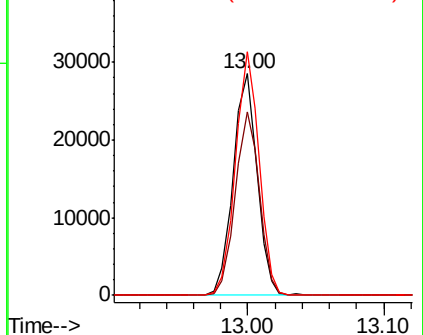
157 107.3 53.2 159.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V



#93

1,2,4-Trichlorobenzene

Concen: 50.884 ug/l

RT: 13.65 min Scan# 2049

Delta R.T. -0.00 min

Lab File: VX009645.D

Acq: 17 May 2019 06:47

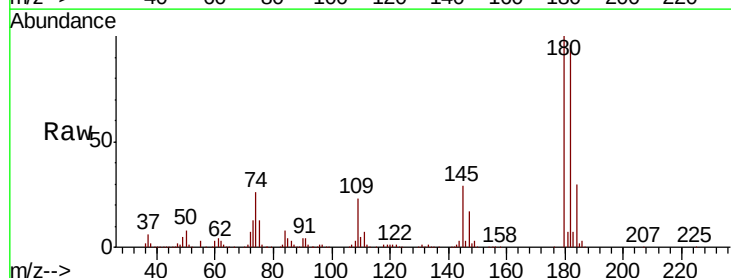
Tgt Ion: 180 Resp: 127276

Ion Ratio Lower Upper

180 100

182 95.2 48.4 145.2

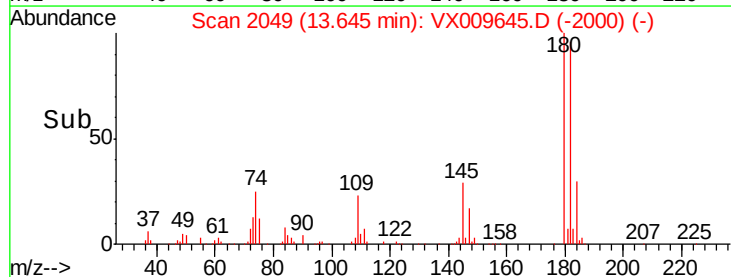
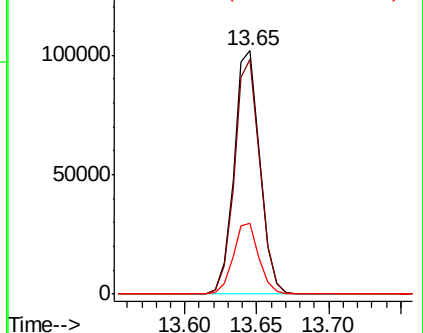
145 29.0 14.6 43.8

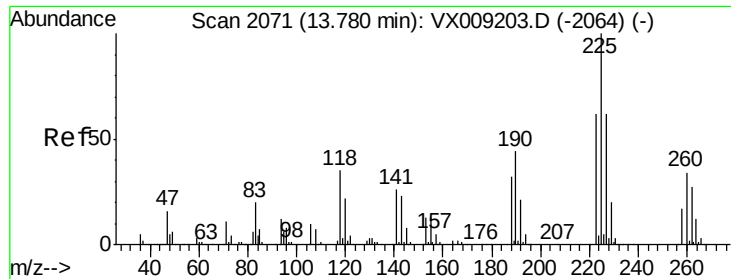


Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V





#94

Hexachlorobutadiene

Concen: 45.727 ug/l

RT: 13.78 min Scan# 2071

Delta R.T. -0.00 min

Lab File: VX009645.D

Acq: 17 May 2019 06:47

Instrument :

MSVOA_X

ClientSampleId :

SS052MW100-190514MS

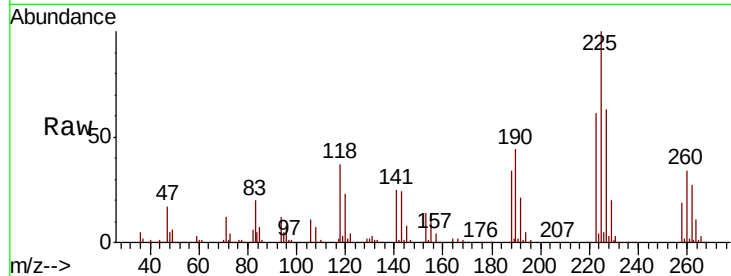
Tot Ion:225 Resp: 58408

Ion Ratio Lower Upper

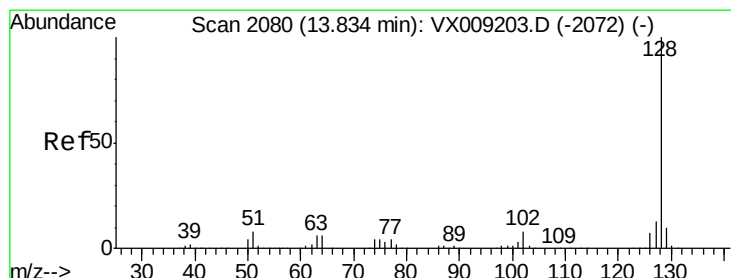
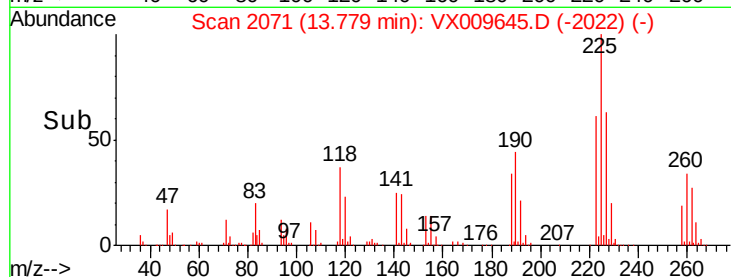
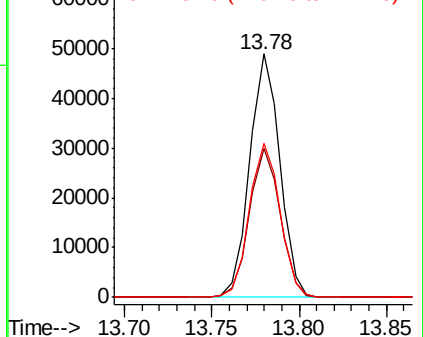
225 100

223 62.6 31.3 93.8

227 64.6 31.8 95.3



Abundance Ion 224.70 (224.40 to 225.40): V
Ion 222.70 (222.40 to 223.40): V
Ion 226.70 (226.40 to 227.40): V



#95

Naphthalene

Concen: 51.963 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX009645.D

Acq: 17 May 2019 06:47

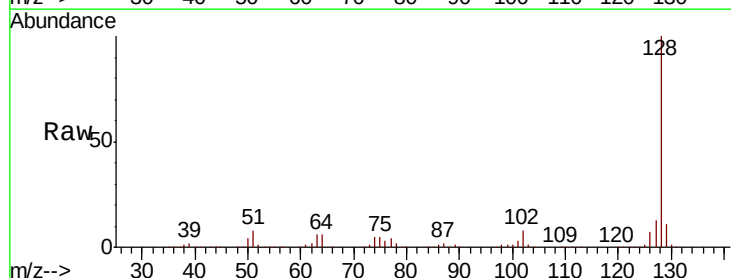
Tgt Ion:128 Resp: 422864

Ion Ratio Lower Upper

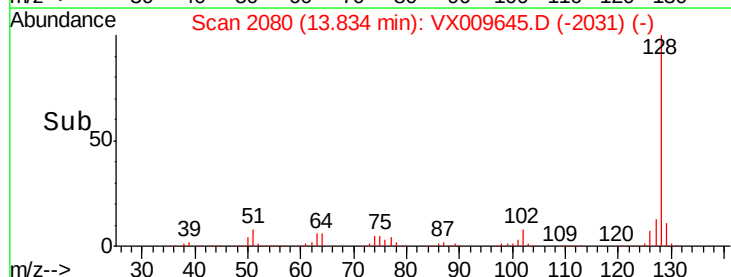
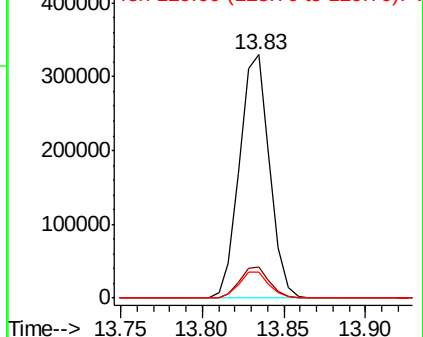
128 100

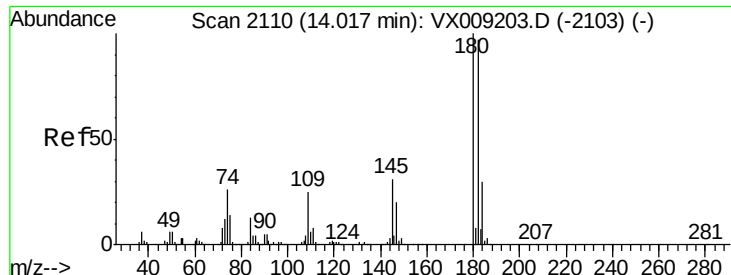
127 13.0 10.4 15.6

129 10.8 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V

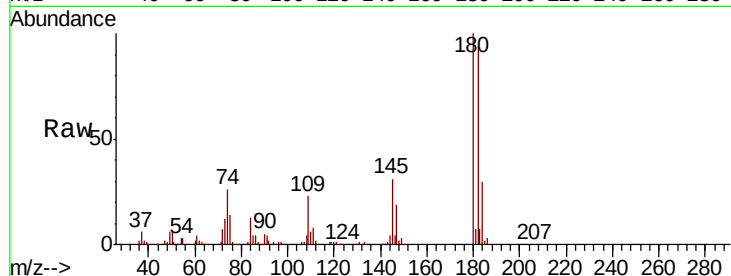




#96
 1,2,3-Trichlorobenzene
 Concen: 51.130 ug/l
 RT: 14.02 min Scan# 2110
 Delta R.T. -0.00 min
 Lab File: VX009645.D
 Acq: 17 May 2019 06:47

Instrument :
 MSVOA_X
 ClientSampleId :
 SS052MW100-190514MS

Tot Ion:	180	Resp:	129639
Ion	Ratio	Lower	Upper
180	100		
182	94.9	47.8	143.4
145	30.6	15.4	46.4



Abundance

Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

